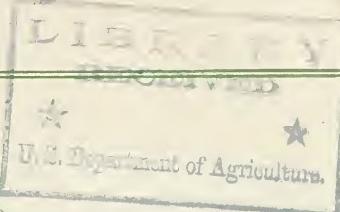


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62, 51

Golden Cream
Sweet Corn



GUNN'S 1920 CATALOG

GARDEN FLOWER FIELD SEEDS

GUNN SEED COMPANY
127 South 10th Street
LINCOLN, NEBRASKA



Bonny Best Tomato

Biggest, Smoothest, Finest
Flavored, Bright Red, early
tomato grown.

Pkt. 10c; Oz. 40c; 1-4 Lb. \$1.40

The Present High Prices of Food and Feedstuffs



ED. S. GUNN

will prevail for several years. That is what the best authorities say. We are now exporting every pound of Food and Feedstuffs that we can spare to the devastated countries "across the water."

Present high prices make it necessary and very profitable for the "city fellow" to plan a bigger Backyard Garden and likewise for the Farmer to plant every available acre.

For the greatest production you must plant only good seeds—the kind we are offering herewith—good, pure seeds that will stand up under a germination test.

Seed is scarce and if you want good seed and want to be sure to get it, we advise you to order NOW. DON'T DELAY.

Yours truly,

ED. S. GUNN.

Our Guarantee

We are very careful in the handling of all our seed. We guarantee that our seed has been carefully tested and that we do not send out any but what shows a good growth. When you receive our seeds test them any way you wish. If you are not satisfied, return them any time within two weeks and we guarantee to refund to you all the money you are out.

We do not guarantee the crop in any way, because we cannot plant your seed or control weather conditions. This guarantee means just what it says.

GUNN SEED CO. Ed S. Gunn.

Our terms are cash; we pay postage or express charges on garden and flower seeds when sold at catalog prices.

Prices on all grass and field seed and potatoes are subject to change. Colored price sheets give latest prices. Give us a nice tryout this year.



PHIL J. EICHENOUR

INSTRUCTIONS

OUR TERMS ARE CASH WITH ORDER.

One Grade Only. We quote only the best and highest grade. We do not believe in low grades. Better buy the best and sow less.

Safe Arrival Guaranteed. We guarantee all goods to reach you safely. For any loss have agent make notation on expense bill and send it to us.

Subject to Inspection. Any seeds purchased from us may be submitted to any experiment station for test. If not satisfactory return to us and your money will be refunded in full.

Order Early. Everything is going up. For this reason we reserve the right to cancel prices when stock on hand is sold.

Errors. Keep a copy of your order. We might make a mistake, but if we do, just write us and we will make it right.

We ship Incubators and Brooders Prepaid to any place in the United States.

ABOUT BAGS

Heavy 2½-bu. grain bags are costing us 65 cents each. We use these on Corn, Alfalfa, Clovers, Timothy, Red Top, Grains, Millets, Kafir Corn, Milo, and other Sorghums. They weigh 1 pound each we do not weigh them in. These cost you 65 cents each. We refund full price if you return them.

Grasses are shipped in gunny bags which are weighed in.

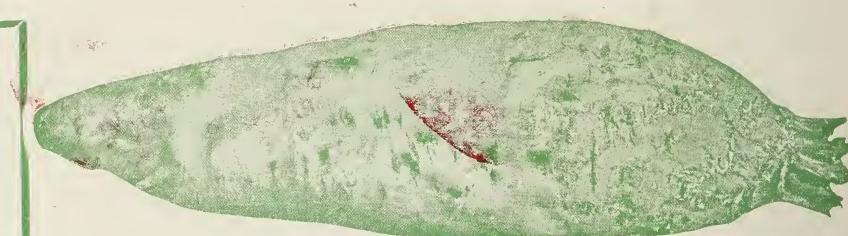
STANDARD SEED TESTER

Many seed houses are willing to "take a chance" on their seed because "it looks like it would grow." We do not do that. **We must know that it grows.** We use the Standard Tester; it is like the one used by our own Nebraska Pure Seed Commission and by many of the State Experiment Stations. It tests all kinds of seeds, from the smallest (like cabbage), to the largest (like lima beans.) Come in and see it work.

THINK OF THIS

You can do more work in half an hour with a Wheel Hoe than you can in half a day, with hand hoe. See page 32.

PLANT
MORE
STOCK
BEETS
—SEE
PAGE 9.



Improved Manhattan Long Red Mangel



Gunn's Alfalfa.

IT
GROWS

Nebraska Alfalfa Seed

PURE
99½ %

"Nebraska is the real home of alfalfa." It has been growing in this state for about 50 years, having been first started in the southwest corner. Twenty years ago I sold the first seed planted in eastern Nebraska. At that time they said it would grow only in western Nebraska, but eastern Nebraska now has as many and as large fields as the western part. My twenty years of selling this seed gives me an exceptionally wide range of useful experience as the handling of this valuable hay crop. You get the benefit of this experience when you buy "GUNN'S ALFALFA SEED." Our seed is taken from these old western alfalfa fields. In these old alfalfa fields the weak and non-hardy plants have long since been killed out so that seed obtained now is only from plants capable of enduring the greatest extremes from very hot and dry to very cold and wet seasons. It is conceded by practically all the experiment stations that Nebraska seeds do as well and in most cases better than seed from other states.

Gunn's Alfalfa Seed Grows

Our Dry Land Nebraska Seed tests 99½ per cent pure and will grow as near 100 per cent as it is possible to get seed to grow. It can safely be depended upon to make an ideal stand and produce an abundant crop of good, rich alfalfa when conditions are at all favorable. **Alfalfa seed will, without question, go higher as the season advances.** Place your order now. No seed can be imported and the demand is heavier this year than ever before. Phice, 50c, Pound. See inclosed price list.

Ask For Prices on Larger Lots.

Grimm's Alfalfa. Grimm's is the hardiest strain of Alfalfa known in this country. It stools very heavily and the value of this characteristic can hardly be over-estimated as it not only does not winter kill, but the protected underground buds are less liable to injure from over-pasturing. The spreading crown seems to be associated with a very much branched surface root system, in addition to the deep tap-root. This makes surface moisture easily available. Sow 10 lbs. per acre. See enclosed price list.

Ask For Prices on Larger Lots.

Black Diamond Dehorning Pencil

Money refunded if it does not dehorn any calf from five days to six months old. One pencil dehorns 50 Calves.

Price \$1.00, Postpaid



Alfalfa to make a permanent success must find in the soil a nitrogen-forming bacteria that will induce it to extract the nitrogen from the air and deposit it in the soil, thus making the soil richer all the time the alfalfa is growing. "NITRAGIN" is the pure culture of this bacteria. When used alfalfa will grow continuously and produce abundant crops. If used in soils already inoculated, the crop will be much heavier.

PRICES

Nitragin ½ acre size	50c.
1 acre size	\$1.00.
2 acre size	\$1.80.
5 acre size	\$4.00.
10 acre size	\$7.50.

By express, your expense.

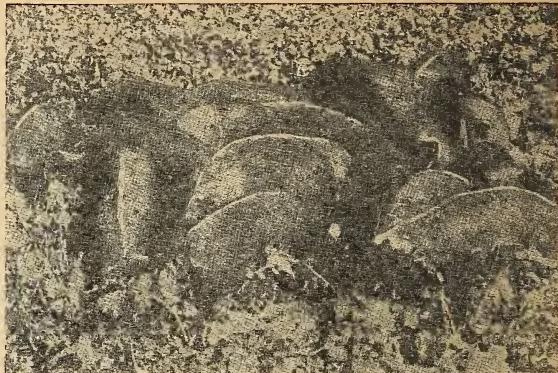
USE NITRAGIN

Also for
PEAS, BEANS, SWEET PEAS,
CLOVERS, SOY BEANS, ETC.

FOR BIGGER CROPS

GUNN'S GRASS MIXTURES

Are Made Up to Meet the
Requirements of This Territory.
They Have Been Tried, and Have
Proven to Be
THE BEST OBTAINABLE



Plant Our Grass Mixtures for big yields. Good Pastures are very important in these times of high prices of Livestock.

Gunn's Grass Mixtures**READ THIS**

We use only our best grades of seed in making our grass mixtures. The proportions are right, regardless of the value of the seed placed in the mixture. In other words—**WE TREAT YOU RIGHT!**

Our Grass Mixtures Are Better

BECAUSE we mix together grasses that grow under the same conditions but mature at different times. This gives a continuous pasture.

Our Grass Mixtures Are Better Than One Grass Alone

1. BECAUSE each grass tries to outdo the others and thus grows larger, stronger and more vigorous.

2. BECAUSE all stock like the variety pasture.

UNIVERSITY GRASS MIXTURES

The Agronomy Department of the State University are now recommending their own combinations of grasses for use in each section of the state. They are designated by numbers from 1 to 19.

We can furnish any of these mixtures. Ask us for kind and price.

FOR UPLAND

Good for all stock for pasture or hay. Brome Grass, Meadow Fescue, Orchard Grass, Timothy, Alfalfa and Red Clover mixed in proper portions. Use 20 pounds per acre.

See Sheet For Prices or Ask.

PASTURE FOR HORSES

Can be sown on any kind of land, except low damp soil. Timothy, Brome Grass, Meadow Fescue, Alfalfa or Clover. Use 22 lbs. to acre.

Ask to See Price Sheet Inclosed.

FOR HOG PASTURE

This will be considered very heavy seeding and expensive, but if you have a hog pasture for keeps, you cannot afford to skimp on seed or limit the varieties. Alfalfa, Mammoth Clover, Red Clover, Alsike Clover, White Clover, Timothy, Blue Grass, Orchard Grass and Ladlow Fescue. Use 20 lbs. per acre.

Ask For Prices or See Sheet Inclosed.

FOR BOTTOM LANDS

Can be used even where the soil is very moist. Can be cut for hay, but better for pasture. Kentucky Blue Grass, Red Top, Meadow Fescue, Alsike Clover, English Rye Grass and Timothy. We mix it in right proportions, which is very important. Use 20 lbs. per acre.

For Prices See Sheet or Ask.

TIMOTHY AND ALSIKE

This is a good mixture, when you get good stuff. We are particular on this and only sell good heavy seed. Don't buy the cheap screening sold as this mixture.

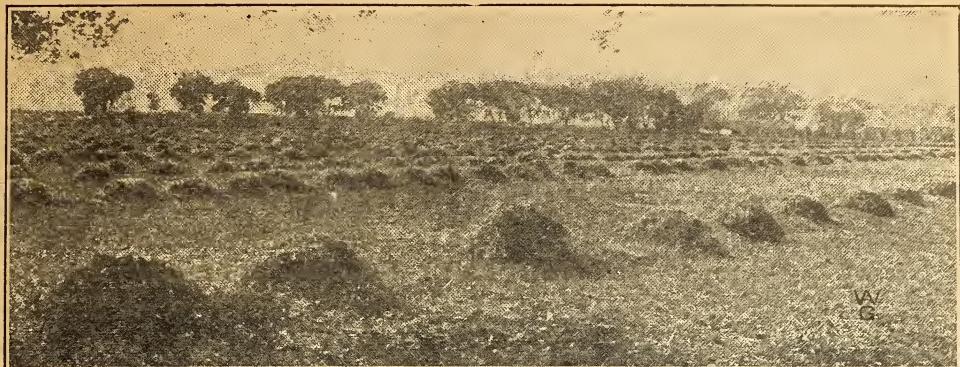
For Price See Sheet or Ask.

GUNN'S HEAVY TONNAGE MIXTURE

15 Tons Green Feed to Acre. Good For Hogs, Cattle and Sheep. One Season Only.

Every year there are a lot of people, frequently renters, who do not have enough pasture or green feed for their stock. To supply this want we have devised our "Heavy Tonnage" Mixture. It is composed of a lot of fine, rapid growing succulent forage and fodder crops that, when mixed together, make a heavy mass of rich green feed in July and August, when most needed. It is made to be pastured, but will make much more feed if cut. In this way it continues to grow up again from the roots, if there is any left, it will make splendid good hay. Sow 40 to 50 pounds to the acre.

GUNN'S GRASS MIXTURES ARE THE BEST.



Field of Sweet Clover—the Poor Land Alfalfa.

Sweet Clover

**SOW SWEET CLOVER FOR PASTURE
ALFALFA FOR HAY.**

**Turns Sand Into Loam—Fills the Soil
With Nitrogen**

Will Redeem Western Sandhills

Sweet clover shoulder high on the "hard" table land at the North Platte Substation, sweet clover taking hold voluntarily in the buffalo grass sod across the road from the Substation flats, sweet clover making a vigorous growth in a sandhill field so badly blown that it would not grow corn, sweet clover established on unbroken sand hills prairie sod, sweet clover growing in the Platte Valley on lands so heavily impregnated with alkali that other crops would not thrive—all these things I saw on an automobile trip to North Platte the last week in June. And now I am more enthusiastic than ever about sweet clover.

I may be accused of dreaming, but I can't keep from calculating how much more grazing sweet clover would furnish on those upland pastures than the native grasses supply.

L. S. HERRON, Editor Nebraska Farmer.

Sweet Clover is practically as rich as alfalfa. It grows where alfalfa does not. It will not bloat any stock. It fills the soil with nitrogen. The roots decay every two years, filling the soil with humus. It grows on dry sandy soil. It grows on hard clay soils. Every piece of land that has been sown to Sweet Clover is made richer for it. It will not grow in cultivated land, nor will it become a nuisance. **Fine for honey.**

ABOUT SOWING.

Sow 15 or 20 pounds in fall or spring to the acre. It makes a large growth the first year. The second year it blooms, makes seed and dies. When pastured, enough plants make seed to reseed the ground. To make hay cut when about two feet high.

Hulled white sweet clover, 60 lbs. to bushel.

See Price Sheet or Ask For Price.

Clovers

MEDIUM RED CLOVER

Our Red Clover has a high test and is all Nebraska grown. It is as free from weeds as we can get it. Runs about 99½ per cent pure. Sow 10 to 15 pounds to the acre. 60 lbs. to bushel.

MAMMOTH RED CLOVER A GREAT SOIL BUILDER

It greatly resembles the Medium Red, but grows coarser and more vigorous. Sow 10 to 15 pounds to acre.

CRIMSON OR SCARLET CLOVER

Esteemed for use as a green manure or winter cover crop. So great is its enriching qualities that it has been estimated that a crop of this clover plowed under is equal to 20 loads of manure to the acre.

In the South it may be sown in August or September and will remain green all winter and afford the very earliest spring pasture. North of Kansas City it will winter kill and should be sown with the early spring crops.

Our most advanced farmers mix rape and crimson clover and sow in corn at last plowing and thus secure an immense forage crop as well as adding to tree fertility of the soil.

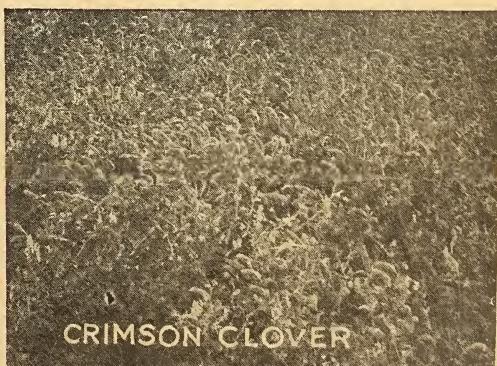
ALSIKE OR SWEDISH CLOVER

This is one of the hardest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of clover. Sow 7 to 8 pounds to acre, 60 lbs. to bushel. Sow 7 to 8 pounds to acre, 60 lbs. to bushel.

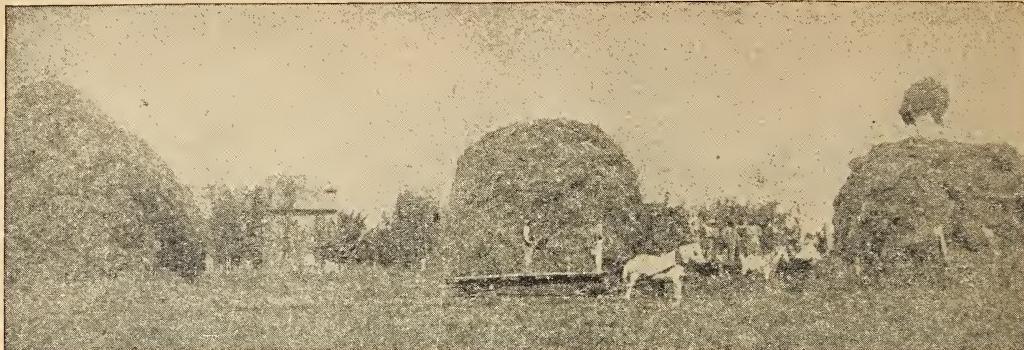
WHITE DUTCH CLOVER

Best adapted to moist soils, but does well on any land. Sow 8 pounds to acre. 60 lbs. to bu.

For prices see sheet inclosed or ask stating amount you can use.



CRIMSON CLOVER



GRASSES

There is a lot of difference in the quality of Grass Seed. We furnish only the high grade, high germinating, free-from-weeds quality. It does not pay you to spend your money for cheap seed of any kind. Your time is worth too much to take the risk. Just leave it to us, and we will furnish you good suitable seed, and we will tell you the truth.

BROME GRASS

It starts very early in the spring, and continues growth until late in the fall. Brome Grass spreads by means of underground rootstalks. As a hay crop, the grass usually furnishes good cuttings for two or three years, sometimes cutting three tons of cured hay per acre, after which the sod becomes so root-bound that the grass does not grow tall enough for hay (this can be overcome by disking) but will furnish the best pasture for several years. Sow 1½ bushels to acre. 14 lbs. to bushel.

See Price Sheet Inclosed or Ask.

KENTUCKY BLUE GRASS

Nebraska's Pure Seed Law only requires a germination test of 40 per cent for this seed. All last season our best grade tested 95 per cent. We sell only the high quality, heavy testing grades. 14 lbs. to bushel.

See Price Sheet Inclosed or Ask.

CANADA BLUE GRASS

This is the Blue Grass of Canada, New York and the New England states. It does better on poor, clayey, thin soil than on rich land. It is smaller, grows closer to the ground and stands cold and drouth better than Kentucky Blue Grass. Has a very blue color and flattish stems. Very attractive, and really a valuable grass. 14 lbs. to bu.

See Price Sheet Inclosed or Ask.

TIMOTHY

Practically all the Timothy that we sell is grown right in this section. We put it through our powerful cleaner, which takes out not only all foul weeds, but the light immature seeds as well. Don't cleaned. Sow ½ bushel to acre. If alone, 45 pounds cleaned. Sow ½ bushel to acre, is alone. 45 pounds to bushel.

See Price Sheet Inclosed or Ask.

ORCHARD GRASS—Sure Crop

This is a very early grass and is particularly adapted to shady places. It is a valuable grass for both pasture and hay land, because of its most favorable growing qualities. Generally more than one crop can be obtained for hay purposes in a single season, after which there is a heavy growth of aftermath which gives an abundance of rich pasture until late in the fall. It grows in tufts—this is overcome when sown with other grasses. It stands drouth well and is very hardy. Sow 1½ to 2 bushels to acre. 14 lbs. to bushel.

See Price Sheet Inclosed or Ask.

RED TOP GRASS

Fancy Recleaned Solid Seed (14 lbs. to bu.) We do not stock the unhusked or chaff grade, which is always so unsatisfactory. Our high grade seed will produce a dense growth of velvety turf. Very valuable as a permanent pasture grass.

It withstands the cold of the northern states, and can be depended upon for growing on damp where. Especially suitable for growing on damp lands. Only 10 pounds needed to sow an acre. 14 lbs. to bushel.

See Price Sheet Inclosed, or Ask.

RYE GRASS

English or Perennial Rye Grass.

This is a regular perennial variety which is so valuable as a pasture grass, producing, as it does, an abundance of foliage which will remain bright and green throughout the season. The hay is much relished by all kinds of stock, especially when grown on moist soil. This is the real Perennial Rye Grass, which is such a favorite (when the right one is secured) for lawn purposes, furnishing a green lawn which continues to come on until finally the blue grass takes possession. Sow 2 bushels to acre. 22 lbs. to bushel.

See Price Sheet Inclosed or Ask.

MEADOW FESCUE or ENGLISH BLUE GRASS

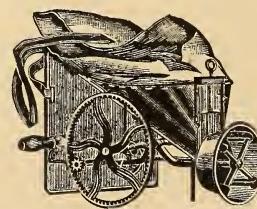
Especially suited for permanent pasture and is also fine for hay. Grows 2 to 3 feet high. The hay is very nutritious and cattle thrive on it, whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. About 21 pounds of seed are sown to the acre. 22 pounds to bushel.

See Price Sheet Inclosed or Ask.

For Prices see sheet inclosed or ask, stating amount you wish. All Prices on the page are subject to Change.

CAHOON SEEDER

The best machine of the kind in the market. The grain is held in a tight sheet iron hopper, surrounded by a bag which will hold a bushel of seed. Price, \$5.00.



CYCLONE CRANK SEEDER

Price\$2.00

REMEMBER

Every lot of seed we ship is guaranteed to give satisfaction upon arrival; if it does not, send it back and we shall cheerfully refund your money.



SUDAN GRASS

**Sow 3 to 5 pounds
in rows, or 20 to
30 lbs. broadcast.**



Look at the picture! That Sudan Grass was grown right near Lincoln last year. It is almost 9 feet tall and none of the stems are larger than a lead pencil. This makes an ideal crop when one is short of hay and for green feed. Well you will get tired cutting, for it keeps coming right along, no matter how many times it is cut. It yields as high as 8 tons of hay per acre. Sudan grew right along this past summer (1919) in July and August when it was so hot every thing else dried up.

SUDAN GRASS YIELDS

Sudan Grass in Wisconsin has made an average yield of 3.5 tons of hay per acre, and a yield of 12.8 tons per acre forage was obtained when sown in cultivated rows. It is recommended that seeding from 20 to 30 pounds per acre should be used and time of seeding from June 1 to the 10th.

Sudan Grass when planted in rows and given continuous cultivation, will withstand considerable drought.

CUT TWICE.

I have tried different kinds of grasses, but I think that Sudan Grass has all of them beaten for hay. This year my first cutting was seven feet tall when mowed and was in full bloom. The second cutting was five feet high when cut.

MARTIN BUCHLI.
Jefferson County.

HAS COME TO STAY.

It is a wonderful crop to stool, and I consider it as productive as cane. Since the stalks are not so coarse as cane they are often eaten with less waste. A neighbor planted his Sudan Grass seed earlier and cut the first crop much earlier. His second crop was shoulder high and well headed. I think Sudan Grass has come to stay, and that soon it will be raised by most farmers.

Lancaster County. A. M. GUTHRIE.

BEST HAY.

As soon as the grass was cured, I began feeding it to my teams and dairy cows. They eat it well. Stock eat it at the first feeding, which cannot be said of all feeds.

I am highly pleased with the Sudan Grass. I shall plant a great deal of it another year.

Sudan Grass will surely be grown by every farmer as soon as it is known.

Logan County, Colo. J. T. CHAPMAN.

JUST GOT TO EAT IT.

One farmer had a small patch alongside a field of alfalfa. It was growing fairly well when one day the hogs and calves got through the fence and had a taste of it. After that, whenever they broke through the fence, they did not stop on the

alfalfa, but made for the Sudan Grass to get a square meal.

Falls River Co., So. Dak. F. E. PIERCE.

SUDAN GRASS CAN'T FAIL

Exhaustive trials have proved that Sudan Grass can be grown almost anywhere. It seems to be unaffected by temperature and grows as well in a cold climate as a hot one. It requires no special quantity of soil; black loam, clay and sandy loams have all produced uniformly successful crops. Its most valuable quality is its resistance to drouth. In dry or semi-arid sections it thrives to perfection and yet excessive moisture does not stop its heavy yield. Sow 3 to 5 pounds in rows 30 to 40 inches apart or 20 to 30 pounds broadcast. Cut and feed green or cut for hay as soon as fully headed.

See Colored Sheet For Prices.

FETERITA

(New Dry Land Forage Crop)

Points in favor of Feterita: No. 1—Drouth resisting. No. 2—Branches from the root. No. 3—25 to 35 days earlier than Kafir. No. 4—Yields from 60 to 100 bushels to acre.

It produces a stalk of medium height and size, bearing 10 to 12 leaves of medium size and a large head, well filled with pure white or blush-white seeds. The grain is larger than Milo, is fully as soft and much whiter than Kafir. Its feeding value is equal to either Kafir or Milo and does not contain the dust that accompanies either.

Better than Kafir for chickens and pigeons. Plant 4 to 6 pounds to acre if in rows to cultivate. 50 to 100 pounds broadcast.

See Colored Sheet For Prices.

KAFIR CORN

The old standby; used for feeding all kinds of stock and poultry. Sow 2 bushels to acre broadcast for hay.

See Colored Sheet For Prices.

MILO MAIZE

An excellent grain for dry localities; grain good food for chickens and all kinds of stock well any place. Sow 5 or 6 pounds to acre; 2 bushels to acre for hay.

See Colored Sheet For Prices.

CANE OR SORGHUM

On account of the sugar contained in the stalks, cane is used a great deal for hay; can be fed to all kinds of stock. Sow 2 bushels to acre broadcast for hay.

See Colored Sheet For Prices.

SCHROCK KAFIR-SORGHUM

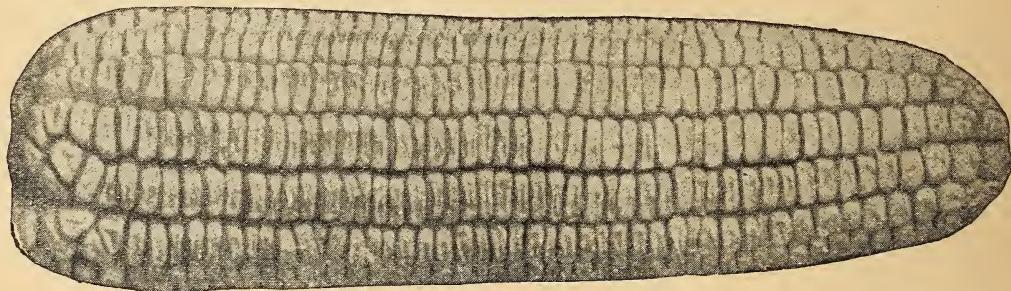
Schrock Kafir-Sorghum grows very uniformly to a height of from $3\frac{1}{2}$ to 6 feet, and as you will note from the picture, stools and branches out abundantly, and each stalk bears a head of seed. As many as ten heads of grain on a stalk is no exception.

It makes excellent ensilage and when sown broadcast at the rate of about 50 pounds to the acre it makes fine leafy hay which can be handled with a wheat binder or cut with a mower.

SOY BEANS

These are really peas and make a mighty good feed green, or good hay when dry.

See Colored Sheet For Price.



Improved Reid's Yellow Dent Seed Corn.

Pure Bred Seed Corn

NOTE THIS

Any seed corn we may furnish you will be the "real stuff." We do not believe in running a crib of corn through the sheller and calling it "seed corn." Neither do we believe in taking ten varieties out of the same bag. No sir, every bit of corn we sell is furnished us by real seed corn growers. We will not knowingly sell you anything that is not true to name. Every bit of it is tested and will grow under favorable conditions. All Nebraska grown.

FOR PRICE ON ALL SEED CORN SEE SPECIAL PRICE SHEET.

IMPROVED REID'S YELLOW DENT. This is one of the very best yellow varieties known in the Corn Belt. The last few years it has won more grand championship prizes than possibly all the other varieties put together. It is not adapted to the extreme northern portion of the Corn Belt, but is particularly adapted to the central portion of the Corn Belt and farther south.

BLAIR WHITE

Here is a real 90 day corn that has real size to it. The ears are pure white and grow from 6 to 10 inches long. All well filled and quite cylindrical. We sold almost a car of this corn in June last spring and it all ripened within 90 days from sowing.

PRIDE OF THE NORTH. The best extra early yellow corn; ripens in 85 to 90 days; yields 40 to 75 bushels per acre.

SPRING WHEAT

MARQUIS SPRING WHEAT

It is absolutely the earliest and hardiest wheat grown. It grades No. 1 hard for milling purposes and considerably outyields other spring varieties. The heads are heavier and the stalks are short, making it less liable to lodge. The grain is plump and fleshy and has a deep red color.

As every farmer knows, the Canadians are cranks on wheat, and when we say that they swear by the Marquis as the best ever, it should be a sufficient recommendation to America wheat growers to induce them to try a few acres at least.

Don't delay your order too long, as our stock is limited, and we shall only be able to fill orders

CANADA FIELD PEAS

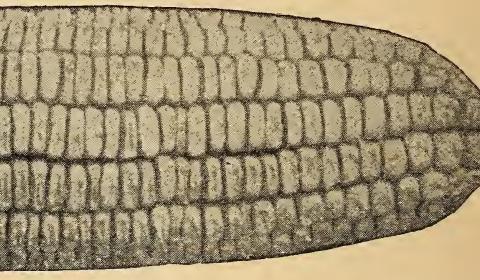
This is the best kind to sow with oats, using $1\frac{1}{4}$ bushels of peas to 1 bushel oats; or alone, using 2 bushels per acre. A frost or two will not hurt it. Fine to turn under green.

COW PEAS

These are the kind you plant after it gets good and warm. Make very rich feed; also good to turn under for green manure. Fine sown with Kafir. 1 bushel to acre, 2 bushels if alone.

WHIPPOORWILL. The old standby. See Colored Sheet for Prices.

NEW ERA. This is the extra early variety; matures seed in 80 to 180 days. See colored sheet for prices.



SILVER MINE. Probably the very best white corn; ripens in about 100 days; yields up to 100 bushels per acre.

See Price Sheet Inclosed or Write for Prices.

FOR EARLY HOG FEED

Use White or Yellow Flint; yields well and ripens in about 75 to 80 days.

POP CORN

Monarch White Rice. Best known white pop corn. Per lb., 25c.

Queen's Golden. A splendid yellow pop corn. Per lb., 25c.

Baby Rice. This is the nice, small kerneled, small eared corn just "melts" in your mouth. Per lb., 35c.

All Prices on This Page Subject to Change.

See Colored Sheet For Prices.

so long as our present stock lasts. Grown in the north.

See Colored Sheet For Prices.

MACARONI SPRING WHEAT

This wheat is tall, with broad, smooth leaves. The heads are large, heavily bearded, and have much the appearance of barley. The kernels are large, very hard, having less starch than common wheat. Largely used in the manufacture of macaroni, and makes excellent flour. The habit of growth adapts Macaroni Wheat to regions of light rainfall, having great ability to withstand drouth and heat.

See Colored Sheet For Prices.

Kanred Wheat

WINTER WHEAT

Yields from 5 to 20 bushels per acre more than Turkey Red under same conditions.

This is the Kansas Agricultural College wheat that has been making such wonderful yields all over Kansas and southern Nebraska. The Kansas Agricultural College are continually endeavoring to produce new varieties of wheat. They find that by crossing two varieties they can combine in one the good qualities of both. Their Bulletin says:

"As a result of work of this kind, a new variety of hard winter wheat has recently been secured which in all respects appears to be superior to any heretofore grown. This variety has been named Kanred from Kan(sas)-red."

"This variety has given an average yield of 4.5 acre more than Turkey and 4.7 bushels per acre more than Kharkof, the two varieties most generally grown in the state. It has also proved decidedly better than Turkey or Kharkof at the branch experiment stations and in co-operative tests with farmers."

At the Curtis, Nebraska, Substation in 1919, it yielded over 44 bushels to acre. Turkey Red under same conditions made only 36.

Cold Resistance of Kanred. In a considerable number of tests, it has been observed that Kanred was markedly resistant to winter killing as compared with other hard wheats. In tests conducted on the farm of Mr. Frank Carlson, in Cloud County, in 1915-16, Kanred survived almost perfectly, while at least 50 per cent of Turkey and Kharkof on adjoining plots was killed. The yield in that season were 27 bushels for Kanred, 17.2 bushels for Turkey, and 16 bushels for Kharkof."

Ask for prices in July or August.

See Colored Sheet For Prices.

Kherson Oats

UNIVERSITY OATS NO. 1

Hardy and good yielder. Largest yield in Nebraska, 112 bushels to acre. Frequently yields 80 bushels per acre. 2 to 3 weeks earlier than common oats.

Kherson Oats were introduced by the University of Nebraska in 1900. During the past fifteen years they have proven themselves to be the very best extra early oat.

They have fine large heads and extra stiff straw, which does not rust or lodge. The straw makes most excellent hay, as the broad leaves do not come off even when threshing.

Yield. Under favorable conditions Kherson Oats have yielded as high as 112 bushels to the acre in Nebraska. At the Experiment Station at North Platte the yield averages about 50 bushels to the acre.

In a good favorable year Kherson Oats are three weeks earlier than common oats, thus losing by two weeks the risk of hail and two weeks better chance for a crop.

Buy direct from us and you get the pure seed—no substituting.

Sow on rich soil. Reports show that they do not lodge even on bottom land. They will not give satisfaction on poor soil. Sow 2½ bushels per acre.

If you order only oats, remember the freight will be no more for three bushels than one bushel.

For Prices See Sheet Inclosed, or Ask For Prices.

WHITE KHERSON OATS

Just like the regular Kherson Oats except berry is white in place of yellow. When ripe, are a beautiful white in color. They have fine, large sprangled or full heads, which frequently contain more than 100 seeds.

SPELTZ OR EMMER

This grain resembles barley, except that it has two berries in each hull. Sow it in place of oats. Grain is just as good for stock. Better than barley for hogs. It is liked by horses, sheep and cattle. Its straw makes feed equal to prairie hay. It can

be used for pasture and hay after the manner of rye, and if sown with field peas the hay will be strictly first quality. (48 lbs. to bu.)

See Colored Sheet For Prices.

BARLEY

(48 Pounds to Bushel.)

White Hulls. See colored sheet for prices. Mandscheuri. See colored sheet for prices. Beardless. See colored sheet for prices.

BUCKWHEAT

(50 Pounds to Bushel.)

Japanese. See price sheet. Silver Hull. See price sheet. Both fine for bees.

BROOM CORN

(50 Pounds to Bushel.)

Oklahoma Dwarf. Price, per lb., 15c. Improved Evergreen. Price, per lb., 15c. Dwarf. Price, per lb., 15c.

SEED FLAX

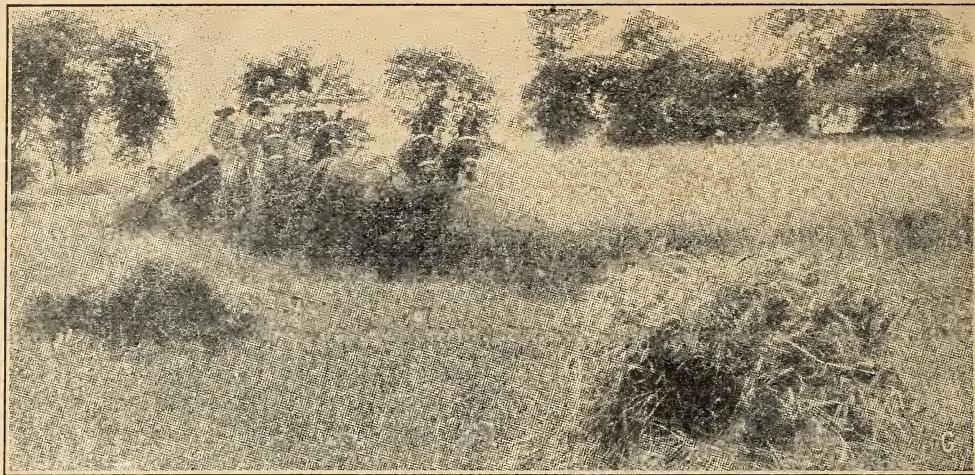
Price—Postpaid per lb., 15c.

See Price Sheet or Ask for Price.



Field of Kherson Oats.

**ORDER EARLY
DON'T PUT OFF
ORDERING UNTIL
YOU ARE READY
TO PLANT**



Field of Rosen Rye.

Rye ROSEN RYE

This is the new Rye developed by the Michigan Agricultural College. The berry is almost twice as large as the common rye and will usually yield twice as much to the acre. The yield in Michigan runs from 35 to 45 bushels per acre.

Michigan farmers will not plant the common rye at all if they can get the Rosen.

Better try out 5 or 10 bushels.

Sown by many in the spring for quick pasture.

See Colored Sheet For Price.

ture in about two months from sowing the seed.
Price—Fancy Recleaned Hog or Broom Corn Millet, per lb., 10c.

For Prices see sheet enclosed or ask for prices.

SUNFLOWER

Mammoth Russian. Price—1 lb., 20c.

DWARF ESSEX RAPE



Dwarf Essex Rape.

JAPANESE BARNYARD MILLET

Called "Billion Dollar Grass" Owing to Its High Value.

Its great value is for green fodder, of which it yields 3 to 5 tons per acre. It is excellent for cows, producing more milk than corn fodder. It grows 6 to 8 feet high and produces 50 to 90 bushels of seed per acre. It should be sown to give best results the latter half of May at the rate of 10 pounds per acre.

Price—Per lb., 10c.

HOG OR BROOM CORN MILLET

Yields enormously in seed, frequently 60 to 70 bushels to the acre, and this seed is used for fattening hogs and other stock. Also fine for all poultry, and especially young chicks. It will ma-

Produces feed in from 6 to 10 weeks from sowing. Grows 2 to 4 feet high. Produces from 25 to 30 tons of green fodder to the acre. Sow 5 to 6 pounds to acre. Good for chickens, calves, cattle, hogs, sheep. Makes milk "taste." Sow with oats. Sow with corn or alone at any time from March to July.

**PLANT MORE FEED AND FORAGE.
RAISE MORE LIVE STOCK.**



Giant Sludstrup Stock Beets Produce \$500 Per Acre.

Stock Beets

IMPROVED BEET ROOT

There are a lot of cheap beet seed on the market. You must not buy that kind. Ours are grown by a most careful grower. When selecting roots for seed, they take only such as are perfect, large sized, true to type and free from disease. You can see this costs much more than if they would take any and all that grow.

DAIRYMEN READ THIS

The farmers of the U. S. who do not grow Mangel Wurzels and Sugar Beets are losing lots of money. Just stop and think! From an expense of \$7.50 for seed, you can secure from 40 to 80 tons of valuable feed to the acre.

If you are a dairymen, you should not miss this opportunity of saving money. A ration or two a day will add richness to the odor of your cream and keep your cows in prime condition, and in addition will cut down your feed bill one-half. Give your stock one-half dry feed, one-half mangels, and just note how they will thrive; it will astound you. Any good corn land will produce beets. 1 bushel corn and 2 bushels mangels are equal to 3 bushels corn. It costs about 5¢ per bushel to produce mangels. Can you beat it?

GROW YOUR SUGAR YOURSELF

Yes, you can grow Sugar beets on a city lot and produce your own sugar. This is the way to do it:

Sow 2 pounds of our Genuine Sugar Beets Seed on a city lot, when matured, slice thin, soak 60 minutes in hot water to extract the sugar and boil down to thick syrup. That's all there is to it. You will have a syrup that is pleasant to taste and may be used for sweetening instead of sugar. Try it this season.

A HOG FEED

By feeding beets exclusively one man made his hogs gain fifty pounds each in one month. He fed 900 pounds of beets per head. Even at a low price for hogs, \$7.00 per 100, beets fed to hogs would be worth \$7.80 per ton. Another party bought three tons of sugar beets for \$12.45; he fattened eight hogs, which, for a little over two months' feeding gave him a profit of \$42.00. In this instance the beets were cooked before being fed to the hogs. In both of these cases beets only were used, while by adding a small amount of grain, these profits may still be increased.

CORN SAVER BEETS

This beet is well known over most of the U. S. It takes its name from the fact that when properly fed, it will actually save corn, probably more than half, and yet produce pork at a large saving.

It is different from the regular Mangel Wurzel in that it is a cross between a Long Red Mangel and a Sugar Beet. It is easy to dig, as only about half of it grows in the soil.

These beets will frequently grow to weigh 28 pounds and yield as much as 80 tons (160,000 pounds) to the acre.

They contain a large amount of sugar and are good for all kinds of stock—especially cows, hogs, sheep and chickens.

Price—Genuine Corn aver. $\frac{1}{2}$ lb., 30c; 1 lb., 85c; 5 lbs., \$4.00; 10 lbs., (for 1 acre) \$7.50.

Mammoth Long Red Improved. This is the heaviest yielding of all the Mangel Wurzels, a thousand bushels to the acre being quite a common yield; single roots sometimes weigh as high as 40 pounds each. Our stock is absolutely distinct from the old red type, which was an ugly uneven root. Our Improved Mammoth Long Red produces large uniformly straight, well formed roots and can always be relied upon to produce a bumper crop of clean, sweet, crisp roots; just the kind of feed that cattle delight in. There certainly is a whole lot of good money in Mangels and we want you to get some of it. Try 5 or 10 acres.

Giant Sludstrup. Long, reddish yellow, grows well above the ground, and easy to pull. It has repeatedly been awarded a first-class certificate by the Danish Government and is doubtless the best mangel in the world. No other crop can match it.

Golden Tankard. A superior strain of golden-fleshed Mangel; roots half long and very large. It is particularly rich in milky producing qualities. It is very easily pulled; exceedingly hardy.

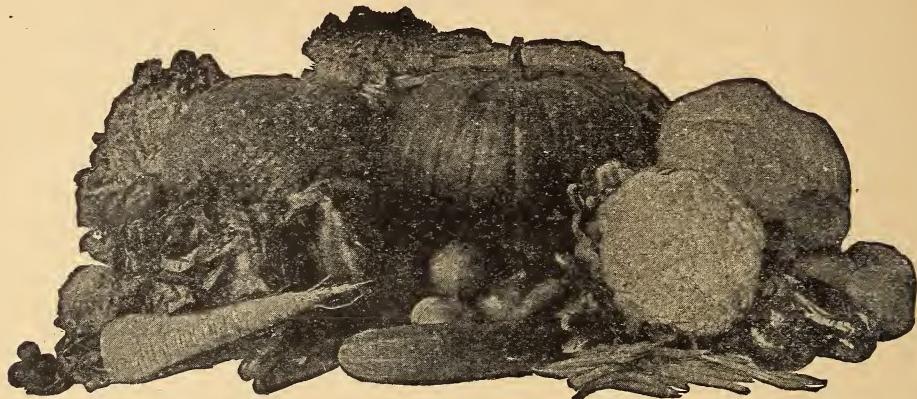
Sugar Beet (Klein's Wanzelben) This is considered the most desirable variety for sugar. It is also desirable for feeding to stock, and yields an immense crop on rich land.

Giant Half Sugar Mangel. Introducing this beet to our customers, we believe that the grower has established a strain of beets, which while giving nearly as large a yield of easily grown and harvested roots as a crop of mangels, supplies a food of very much higher nutritive value. The roots are red skinned, grow half out of the ground.

Prices on all Mangels and Sugar Beets, Except Corn Saver, $\frac{1}{2}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 65c.

Culture. Sow as soon as the soil is warm, in rows 2 to 3 feet apart; cover about one inch. Thin the plants to about 10 to 12 inches apart in the rows. Sow 10 pounds of seed to an acre. If very dry, soak the seed 24 hours in lukewarm water. Harvest just before frost. Cut off the tops and store roots in cool cave or cellar. Cut up and feed 10 to 20 pounds per day. Mangels do not taint the milk.

SELECT GARDEN SEEDS



The Home Garden is the surest way to reduce the H. C. L. Your backyard can be made a beauty spot and the income from a small backyard garden will be beyond your expectation. Raise your own vegetables.



Barr's Mammoth Asparagus.

Asparagus

One ounce will produce about 200 plants, 4 to 5 pounds to the acre.

Culture. Soak the seed in tepid water 24 hours before sowing. Sow the seeds thinly in rows 1 foot apart in March, April or May (4 to 5 lbs. to the acre) and keep down all weeds.

Barr's Mammoth. This is a superior variety, the largest and best asparagus grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

Columbian Mammoth White. White shoots which stay white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

Conover's Colossal. A standard sort, green in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

Painetto. Earlier than Conover's. Large, productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

Asparagus Roots, See Page 50

Prepaid Prices on Garden Seeds

Beets

One ounce sows 100 feet, 5 pounds one acre.
Soak seed 24 hours for quick growth.

Our Beet seed will give the very best results.

Dewing's Early Red Turnip. Flesh and skin very dark blood red; good for early winter use. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Detroit Dark Red Turnip. Small tops, smooth skin and flesh dark red, crisp, tender and sweet. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

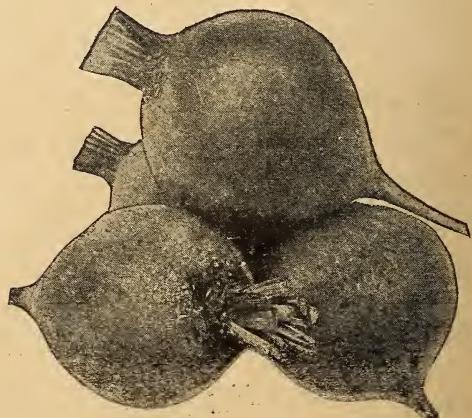
Crimson Globe. Very early; deep crimson throughout, tender, sweet and good keeper. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., 1.10.

Improved Early Eclipse. A fine round beet, of first quality, very early, with blood red roots. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Best Early Blood Turnip. Dark red and of fine flavor, good keeper. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Improved Crosby's Egyptian. Skin and flesh very dark red, roots smooth, round, extra early, fine quality. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Continued on Next Page



Detroit Dark Red Beet

BEETS—Continued.

Edmund's Blood Turnip. A strain of great regularity in shape; deep blood skin and very dark flesh of best quality; splendid keeper. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.05.

Half Long Blood. Fine dark strain; distinct variety, smooth and handsome; good for winter. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Long Smooth Blood. A good late variety; dark red, tender and sweet. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c.

SWISS CHARD. Cultivated for its leaves which are used for greens. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Double size packets, 5c; 6 for 25c.

MANGEL AND SUGAR BEETS. (See page 9.)

At Above Prices We Pay Postage or Express.

Beans

One pint to 40 feet. Sow every two weeks.
Grown by one of the best and most careful Michigan growers.

On account of a partial failure two years ago and almost an entire failure the past year, beans are very high priced and hard to secure. Place your orders early.

Golden Wax Imp. Grinnell. One of the very best wax beans. Hardy, brittle and of best quality. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Black Wax Pencil Pod. Pods round, very early, very prolific, a golden yellow and of fine flavor. Ready for table in about forty days. Our strain is exceptionally productive; very hardy, reliable and of the best quality. Pkt., 5c; pt., 30c; qt., 60c.

Currie's Improved Rust-Proof Black Wax. Has great merit, very tender and best quality, flat pod, Pt., 30c; qt., 60c; 2 qts., \$1.15.

Davis' Kidney White Wax. Very productive, long pods, very handsome, rustless. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Wardwell's Kidney Wax. Strong-growing vines yield a large crop of long, nearly straight, very white wax-like, handsome pods of good quality. It matures about the same time as the Golden Wax. Pt., 30c; qt., 60c; 2 qts., \$1.15.

PINTO BEAN

The Pinto grows a bush like the Pink Bean. For an inland crop it is preferable to the Tepary because of a larger yield per acre and finds a ready market.

The Pinto has never been known to have weevil. One man grew 2400 pounds on an acre in 65 days.

Price Pintoes. Pt., 25c; qt., 45c; 2 qts., 85c.

GREEN POD DWARF BEANS

White Navy. Pt., 25c; qt., 45c; 2 qts., 85c.

Burpee's Stringless Green Pod. Pods are stringless and of a beautiful fleshy appearance. Ready to market earlier than Red Valentine. This Bean is of great value, not only to the market gardener and canner who plants for profit, but also for the amateur who seeks the finest quality for home table. Pt., 30c; qt., 60c; 2 qts., \$1.15.



Wardwell's Kidney Wax Beans.

Giant Stringless Green Pod. Plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Round Yellow Six Weeks. Early, full, round green pods. Pt., 30c; qt., 60c; 2 qts., \$1.15

Extra Early Red Valentine. Early strain of this popular round pod bean. Pt., 30c; qt., 60c; 2 qts., \$1.15.

DWARF LIMA BEANS

Burpee Bush Lima. A bush form of the large Pole Lima; very productive and its dwarf character is well established. Pt., 35c; qt., 65c; 2 qts., \$1.20.

Henderson Bush Lima. Productive; a very early small bean. Pt., 35c; qt., 65c; qts., \$1.20.

POLE BEANS

Golden Cluster Wax. This pole bean bears large clusters of golden-yellow pods 6 in. to 8 in. long, which are of delicious flavor. Seed is white. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Cut Short or Corn Hill. Used for planting among corn; one of the best. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Lazy Wife. Pods from 4 in. to 6 in. long. Beans are white and make a fine shell bean. Pods remain green and tender long. Pt., 30c; qt., 60; 2 qts., \$1.15.

Large White Lima or Butter. Largely grown and highly esteemed. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Dutch Case Knife. A very prolific, loose climbing pole bean. Pods are broad, flat, loose and of excellent quality. A good corn bean and can be used either for snap, shelled or dry shell beans. The beans are white in color. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Kentucky Wonder. Long, tender, green pods of most excellent flavor. Heavy yielder; seed brown. Pt., 30c; qt., 60c; 2 qts., \$1.15.

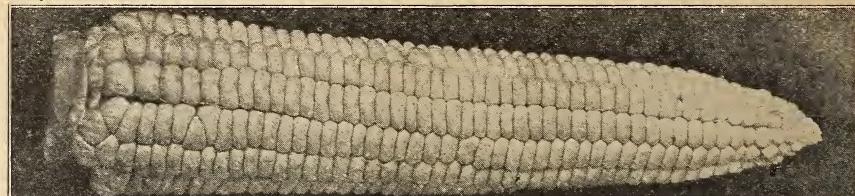
White Kentucky Wonder. The Kentucky Wonder white is an improvement on the old style pod Kentucky Wonder. This variety is very early and excellent in quality. Pt., 35c; qt., 65c; 2 qts., \$1.20.

White Creaseback. This variety is valuable for its extreme earliness. The vines are medium sized, wonderfully productive, bearing round, fleshy pods in clusters of from 4 to 12. They are entirely stringless and of fine quality. The dry seed is pure white and excellent for winter use. Pt., 30c; qt., 60c; 2 qts., \$1.15.

Buy a
Garden
Cultivator
this year
and save
Time.
Pages
32 and 33.



Golden Wax Imp. Grinnell

SWEET**CORN**

Early Evergreen Sweet Corn.

Grown for us by one of the largest and most
ARISTOCRAT SUGAR CORN

This delicious Sweet Corn was first introduced a few years ago. It is a reliable extra early sort, which was for many years controlled by a prominent gardener who supplies truck to the aristocrats of Newport, R. I. It is an extra early variety, stalks grow from 4 to 6 feet high and ears are of large size. The grains are extremely sweet, and being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10c; pt., 30c; qt., 55c.

Golden Evergreen. A cross between Golden Bantam and Stowell's Evergreen and a most ex-12-rowed; matures with Howling Mob; grain rather celtent sort of fine quality. Ears 8 inches long, broad and deep, and of a rich golden-yellow color. Pkt., 25c; pt., 45c; qt., 75c.

Golden Cream. This new variety is a cross between Golden Bantam and Country Gentleman. Grains rich cream in color, and deliciously sweet. Pkt., 25; pt., 45c; qt., 75c.

Adam's Extra Early. Not a real sweet corn, but very early. Pt., 25c; qt., 45c; 2 qts., 80c.

Peep O'Day. The earliest, dwarf, very sweet. Pt., 25c; qt., 45c; 2 qts., 80c.

White Mexican. The finest early sweet corn known. Pt., 25c; qt., 45c; 2 qts., 80c.

Mammoth White Cory. Largest extra early corn known. Fine quality, 12-rowed compact ears. Pt., 25c; qt., 45c; 2 qts., 80c.

Howling Mob. Extra sweet; second early; extra large ears with 12 to 14 rows. Pt., 25c; qt., 45c; 2 qts., 80c.

Early Evergreen. Earlier than Stowell's Evergreen and remains in condition quite as long. The ears are large. Plants average 6 to 7 feet high and in ears resemble those of Stowell's Evergreen. Pt., 25c; qt., 45c; 2 qts., 80c.

Golden Bantam. Very hardy, sweet; ears 6 inches long, grains beautiful golden yellow. Pt., 25c; qt., 45c; 2 qts., 80c.

Early Minnesota. Second early, dwarf growth; standard. Pt., 25c; qt., 45c; 2 qts., 80c.

Country Gentleman. Improved strain; sweetest of all. Pt., 25c; qt., 45c; 2 qts., 80c.

Stowell's Evergreen. Remains a long time; the most popular variety. Pt., 25c; qt., 45c; 2 qts., 80c.

Mammoth sugar. The largest ears of all; rich, sweet and superior. Pt., 25c; qt., 45c; 2 qts., 80c.

Cabbage

One ounce makes 1,500 plants; one-half pound to one acre.

Ready for use in 100 days from seed planting.

**NEW CHINESE CABBAGE
WONG-BOK**

A new, most delicious vegetable, which is a most profitable crop to grow for the market, and which should be in every garden.

Forms heads like Cos Lettuce. Leaves tender like lettuce, of a distinctive, delicate and pleasant flavor.

Used for salad like lettuce or for cold slaw like cabbage.

Culture same as Winter Cabbage. Sow in March. Pkt., 10c; oz., 20c; 2 ozs., 35c; 1/4 lb., 65c.

EARLY

Early Jersey Wakefield. Best American grown seed; best extra early, solid, conical heads. Oz., 40c; 1/4 lb., \$1.25.

Extra Early Express (Lightning). The earliest cabbage; small, solid heads. Oz., 40c; 1/4 lb., \$1.25.

Early Winningstadt. Very early, with solid, crisp, hard heads. Oz., 40c; 1/4 lb., \$1.25.

Early Summer. Best American grown seed; a most popular and superior second early sort. Oz., 40c; 1/4 lb., \$1.25.

Early Dwarf Flat Dutch. Best American grown seed; early, solid flat heads. Oz., 40c; 1/4 lb., \$1.25.

Karly Spring.—This is an early flat-headed variety. Oz., 40c; lb., \$1.25.

SECOND EARLY

All Seasons. (Vandergaw). Best American grown seed; one of the finest, growing to a large size quickly. Oz., 40c; 1/4 lb., \$1.25.

All Head.—Best American grown seed. The very best, second early. Fine flat heads, very hard, solid. Oz., 40c; 1/4 lb., \$1.25.

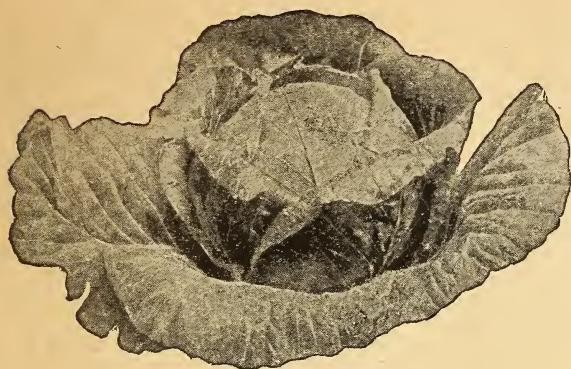
Sure Head.—Best American grown seed; a superior sort. Produces large and solid heads of fine quality. Oz., 40c; 1/4 lb., \$1.25.

MAIN CROP

Premium Late Flat Dutch. We offer a remarkably fine strain; a sure, solid header. Oz., 40c; 1/4 lb., \$1.25.

Late Drumhead. A standard winter cabbage for main crop. Oz., 40c; 1/4 lb., \$1.25.

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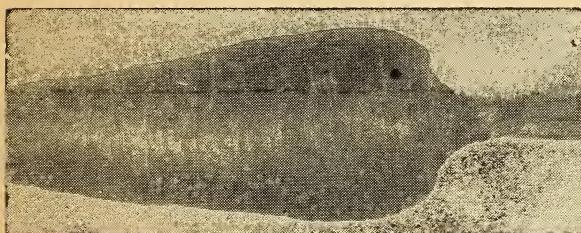
Copenhagen Market Cabbage.

Red Dutch. Very large, solid red heads; the finest strain of reds. Oz., 40c; $\frac{1}{4}$ lb., \$1.25.
Packets 5c Each; 6 for 25c.

CABBAGE PLANTS

We will have plants of all the above cabbage in season.

Ours will be strong, vigorous, sure-to-grow plants—and you get the kind you buy.



Danvers Half-Long Carrots.

Carrots

One ounce sows 100 feet. Four Pounds per acre. Grown under contract for us in California.

None Better.

Half Long Stump Root. Large, smooth, crisp, tender, deep orange color with blunt end. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Danvers' Half Long. The leading standard variety. Flesh is of a dark orange color; very tender and appetizing; roots are of a medium length and taper proportionately; very sweet and productive. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Oxheart Early, short, thick, very smooth and handsome. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Chantenay. Stump-rooted; rather small, early, fine quality. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Leng Orange. Improved, well known standard sort, good keeper. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Large White Belgian. For cattle feeding; very productive and large. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Double size packets, 5c each; 6 for 25c.

White Mastodon. Not a table carrot, although the flesh is remarkably firm and sweet. It is not a corrot for the market gardener, but is emphatically the carrot for the farmer, and once used, nothing else will take its place.

Mastodon Carrot is the heaviest cropping carrot grown. The flesh is white, crisp and solid and very sweet in flavor. The roots are short and very heavy at the shoulder, rendering them easily harvested. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield. Price: Oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 90c.

Cauliflower

Danish Giant (Dry Weather). Large leaved and large pure white, compact heads. Very resisting against dry weather, the foliage giving protection. $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.75; oz., \$3.00.

Early Snowball. One of the best for forcing under glass, or for open ground. $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

Celery

Best California Grown.

White Plume. Naturally white or light foliage. Oz., 30c; $\frac{1}{4}$ lb., 80c.

Golden and Blanching French Stock. Oz., 75c; $\frac{1}{4}$ lb., \$2.50.

Golden Self-Blanching. A grand, solid variety. Best for general use. Crisp, brittle and of delicious flavor. Oz., 75c; $\frac{1}{4}$ lb., \$2.45.

Giant Pascal. Especially for fall and winter use. Large, solid, crisp, and of rich nutty flavor. Oz., 30c; $\frac{1}{4}$ lb., 80c.

Celeriac. Cook the turnip-shaped roots. Oz., 25c; $\frac{1}{4}$ lb., 55c.

Cress

Curled. (Pepper Grass). Oz., 20c; $\frac{1}{4}$ lb., 50c.

True Water Cress. Grows along the banks of ponds and streams, and is easily introduced; wholly unlike Curled; leaves are quite large and thick; a fine salad, sold in immense quantities in the large markets in spring. Pkt., 5c; oz., 60c.

Endive

Moss Curled. Oz., 15c; $\frac{1}{4}$ lb., 35c.

Egg Plant

Improved New York Purple. The best, largest oval, deep purple. Grown more extensively than any other variety. Oz., 50c; $\frac{1}{4}$ lb., 90c.

Black Beauty.—Popular with the market gardeners. Oz., 50c; $\frac{1}{4}$ lb., 90c.

Cucumbers

One ounce for 60 hills; 2 to 3 pounds to the acre. These Cucumber seeds are grown for us by the largest and best cucumber grower in the United States.

White Spine. Earliest of all. A fine improved strain. Very prolific. Flesh firm and crisp. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Improved Jersey Pickling. Dark Green, tender, crisp, and of fine flavor. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Everbearing. Very early, productive, solid, few seeds, continuous bearer. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Early Fortune Cucumber (No. 175). A recent introduction which is much liked by market gardeners and shippers. Of dark green color which holds for many days after picking. Early Fortune does not show up white color before maturing, as do most of the old strains of the White Spine. Has the right shape, has regular growth and carries a dark green color seldom found in cucumbers. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 30c.

Japanese Climbing. Fruit about ten inches long, thick and fine flavor. Skin dark green, flesh pure white; can be grown on trellises and fences. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c.

Early Cluster. Fruit small and in clusters; very prolific. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Early Frame or Short Green. For slicing or pickling; productive and early. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Improved Long Green. Dark green, crisp and productive. Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50.

Boston Pickling. Dark green, uniform small size, productive. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Davis Perfect. An excellent cucumber for both outdoor use and forcing. It is a carefully selected strain. Oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Packets 5c each; 6 for 25c.

KILL THE BUGS WITH BUG DEATH.

PRICE.	Dill.	Oz., 15c; $\frac{1}{4}$ lb., 40c.
1 lb	Marjoram.	(Sweet). Oz., 50c.
3 lbs.....	Sage.	(Summer). Oz., 50c.
5 lbs.....	Savory.	(Summer). Oz., 50c.
12½ lbs.....	Thyme.	(Sweet). Oz., 50c.
	Lavender.	Oz., 25c.

Kohl Rabi

Early White Vienna. Handsome and delicate; white ball. Oz., 25c; $\frac{1}{4}$ lb., 85c.

Early Purple Vienna. Handsome and delicate; purple ball. Oz., 40c; $\frac{1}{4}$ lb., \$1.45.

Kale

Leek

Best Large Flag. (Wntter.) Hardy and productive.

Golden Self-Blanding Celery.

GUNN'S SELECT LETTUCE SEED

Our Lettuce seed is grown for us by one of the very best California growers.

GUNN'S MAY KING LETTUCE The Earliest of The Head Lettuce

Gunn's May King Lettuce. The Earliest of the Head Lettuce. Heralded the country over as unquestionably the earliest head lettuce. Strikingly handsome and of superlative quality.

Compact and very firm heads, of good size, having a diameter of 7 to 8 inches. The outer leaves are light green tinged with reddish brown, and are handsomely savoyed, the inner leaves blanch to a golden yellow color, are very tender and sweet, buttery flavor. It attains a size suitable for use before any other large heading variety and the solid heads makes it a fine shipper. A splendid variety for outdoors planting in spring as well as in fall, and also very satisfactory for forcing. Price: Per pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 35c; per lb., \$1.00, postpaid. Price by express—5 pounds or over, 90c, per pound.

Burpee's Earliest Wayahead. Earliest, surest header and best quality lettuce yet introduced. Heads are large, tightly folded, with inner leaves a rich buttery yellow tint. We sell Burpee's own stock. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.45.



Rust Resisting
Rocky Ford

One ounce to 60 hills; 2 to 3 pounds to the acre. Ready in 90 to 100 Days.

Grown for us by one of the largest Muskmelon growers at Rocky Ford, Colo., where the very best seed is produced.

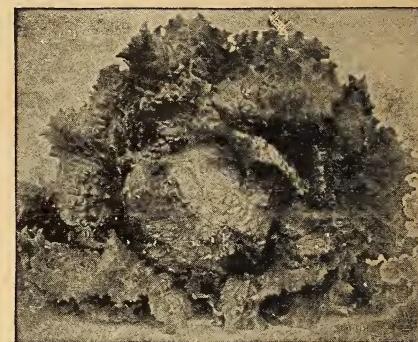
Rocky Ford. Improved Genuine Rocky Ford (Colorado) grown seed. Very sweet and of fine flavor; oblong, green flesh. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.

Improved Rust Resisting Rocky Ford. This new strain has all the good qualities of the famous Rocky Ford, with the addition the vines do not rust. Yields more, with full 95 per cent of the melons standard size. Our seed grown at Rocky Ford, Colorado. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Hoodoo. A very hardy, vigorous, yellow-fleshed variety that is ideal as a shipper and of the very finest quality. The vines are very hardy and resist blight and rust better than other sorts. The fruits

Dwarf German Greens. Very Dwarf and spreading, best strain. Oz., 20c; $\frac{1}{4}$ lb., 50c.

Tall Green Scotch. A taller growth of the above; late variety. Oz., 20c; $\frac{1}{4}$ lb., 50c.



Gunn's May King Lettuce.

Big Boston. Produces heads of very large size, often 10 inches across. These heads blanch beautifully and are of superior quality. Good for cold frames. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

Simpson's Early Curled. Light green, broad, sweet, tender, frilled leaves. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Early Curled Silesia. Early loose heading. Very sweet and tender. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.00.

Denver Market. Very early; large light green heads; leaves blistered, crisp and tender. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Ice Berg. Makes large conical, tightly folded, well blanched and fine flavored heads. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

Grand Rapids Forcing. Large, tender heads; one of the best for early forcing. California grown. The greenhouse man's favorite. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

Black Seeded Simpson. A superior variety; large and of light color. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

Early Prize Head. Bright green, tinged with brownish red; tender, crisp. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Improved Hanson. Very large, solid and of fine quality. Withstands the hot sun. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Double sized packets, 5c each; 6 for 25c.

Musk

Melons



Rust Resisting
Rocky Ford

vary in size but average that of the Netted Gem; the netting is dense, the rind thin but tough; flesh very thick, a rich salmon color, of fine quality and very fine flavored. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

Eden Gem. Genuine Rocky Ford grown. A new improved Rocky Ford cantaloupe. It is a little longer and more closely netted, and has green flesh. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

Gold Lined. An ideal green colored, golden thick flesh and very sweet. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Shunway's Giant. The largest muskmelon grown. Very sweet. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

Extra Early Hackensack. Ripens 10 days earlier than the Hackensack. Green flesh. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Burrell's Gem. Fine, new, salmon-fleshed, good size, handsome and of fine flavor. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Green Nutmeg. Named from its shape; green flesh. Good for main crop. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.10.

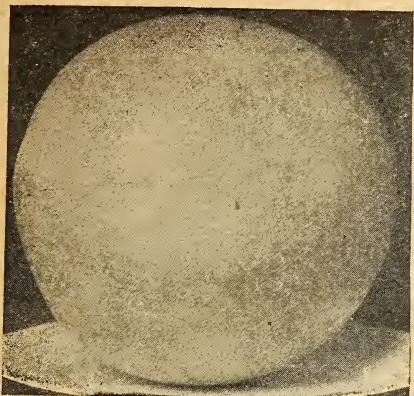
Emerald Gem. Very fine and sweet. Green outside, yellow flesh. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Large Hackensack. Large, round, good quality. A popular variety. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Osage or Miller's Dream. Yellow flesh, light green netted skin. Good quality, intermediate. Oz., 15c; $\frac{1}{4}$ lb., \$1.35.

Paul Rose. Flesh firm, rich orange color, covered with dense netting, not ribbed. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Continued on Next Page.



Honey Dew Melon.

MUSKMELONS—Continued

Tip Top. Melons are round in form, well ribbed, bright salmon color, and of luscious, melting character. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

Golden Beauty. This one we recommend as the best of the Autumn varieties. It begins to ripen in August and continues bearing and ripening all

Watermelons

One ounce to 30 hills; 4 to 5 pounds to the acre.
Ready to Use in 90 to 140 Days.

Our Watermelon seed is saved from the largest and most perfect melons only. Growers of cheap seed take theirs from all melons in the patch.

Alabama Sweet. Quite early; oblong, large and very sweet. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Tom Watson. Very large, long, medium late, good seller, and fine flavored. Produces melons 18 inches to 20 inches long, by 10 inches in diameter, weighing from 50 to 60 pounds. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Halbert's Honey. Long and large; very green. Flesh sweet, crisp, and ripens close to rind. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Kleckley's Sweets. Exceptionally sweet and fine flavored. Dark green skin, thin rind. Flesh scarlet, solid and firm. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Cole's Early. Very early; very sweet. Fine home melon. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Cuban Queen. Solid and heavy, excellent quality. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 80c.

McIver's Wonderful Sugar. Large, medium early; fine quality. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c.

Ice Cream or Peerless. Rind thin; flesh bright scarlet, very sweet; white seed. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Phinney. Early and of fine quality, red flesh, intermediate. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75.

Sweetheart. One of the best early; fruit large; flesh bright red, firm, melting and sweet. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Colorado Citron. For preserves. Oz., 15c; $\frac{1}{4}$ lb., 35c.

Double size packets, 5c each; 6 for 25c.



Summer and Fall or until frost comes. The latter fruits can be stored in a cool house or cellar, and will ripen slowly, so they can be marketed from time to time until late January or early February. Golden Beauty is bright yellow, about globular in shape, with wrinkled skin, slightly pointed at the stem end. The fruits are from 6 to 8 inches in diameter. Flesh thick and delicious. Postpaid: Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.50.

Improved Hybrid. A variety which ripens late and is a good keeper; the flesh deep, and most delicious. Is not at its best until the thumb will make an impression in the rind, as in a mellow apple. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; 1 lb., \$2.50.

HONEY DEW MELON

This is a new type of melon. It is not a Casaba, the seed cavity being like the ordinary cantaloupe. The color is dull white when ripe, size about 6 inches long, all melons being nearly the same size. This melon has no netting, but the rind, though thin, is very tough and so close that the excellent flesh is practically sealed up where it keeps in finest condition from 3 to 5 months after it is ripe. Color of flesh is rich green from close to the rind to the seed cavity and the flavor is delightful to all who enjoy a good melon. It has the sweetness of honey and the freshness of morning dew. Packet, 10c; ounce 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.
Double size packets, 5c each; 6 for 25c.

TRY THIS

Plant RAPE and RUTABAGAS near all Melons and Cucumbers. The insects that live on these plants feed on and destroy the melon lice.

Onions

One ounce for 100 feet; 5 or 6 pounds to the acre.

Our Onion seed is produced for us by one of the most careful growers. All "stiff necks" and "off shapes" are thrown out. We test it carefully.

Improved Large Red Wethersfield. Our seed stock of this standard flat onion cannot be surpassed. Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Large Red Globe. Southport strain, one of the best reds; good keeper. Oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50.

Globe Wethersfield. Very much like the Flat Wethersfield, only it is "ball-shaped." Fine keeper; fine for the market gardeners. Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Australian Brown. A grand new onion from Australia. Oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.85.

Mammoth Silver King. Grows 6 or 7 inches across. Skin very white; flesh white, tender and sweet. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Yellow Globe Danvers. A fine variety; medium size; flesh white and mild. Oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.85.

Southport Yellow Globe. A large deep globe; good keeper. Oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.25.

Mammoth Prizetaker. Very large, straw colored, beautiful, mild flavored onion; white flesh. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$2.50.

Large White Globe. Large, Southport strain. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Large White Portugal or Silver Skin. Standard sort, flat. Oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Ask for special prices on 5 lb. lots.
Double size packets, 5c each; 6 for 25c.

ONION SETS

Prices Subject to Change.

White. Pt., 20c; qt., 30c.

Red. Pt., 15c; qt., 25c.

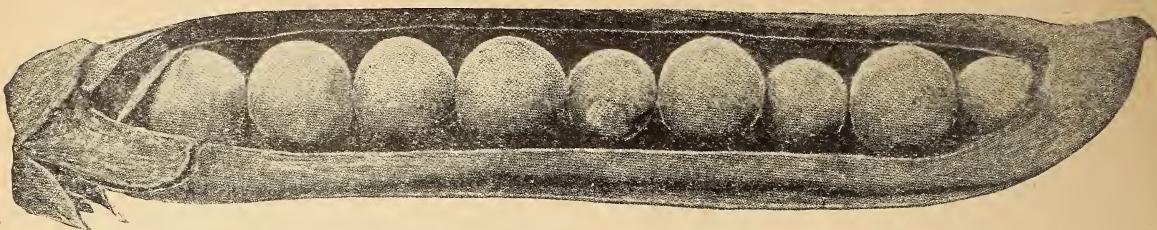
Yellow. Pt., 15c; qt., 25c.

MUSTARD (For Sowing)

White. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Chinese. Oz., 10c; $\frac{1}{4}$ lb., 28c; lb., 88c.

Man. Sc. Curled. Oz., 10c; $\frac{1}{4}$ lb., 28c; lb., 88c.



Mammoth Podded Peas

Peas

Our Peas are grown for us in northern Michigan by an expert pea and bean grower. All fields are carefully rogued, and there is none better.

EXTRA EARLY

Alaska. Height 2½ feet. Very early and exceedingly uniform in maturing its crop. The vines are very productive, bearing four to seven pods which are filled with medium sized, bright bluish-green peas of good flavor. Pt., 25c; Qt., 50c.

First and Best. Very early; popular for market and shipping. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

The Amer or Mammoth Alaska. This new variety is rapidly growing in favor with market gardeners, being planted extensively by those who have tried it, and know its merits. It resembles the Alaska, the vine being more vigorous, a little taller, or about 3 feet in height, and the pods and peas are fully one-third larger. It is a heavy producer, with handsome, dark-green pods, containing from 5 to 7 large, blue-green, round peas of excellent quality. The crop ripens uniformly, about 3 days later than Alaska. We can recommend this to gardeners as the most prolific pea for early planting. Postpaid, Pt., 30c; qt., 50c; 2 qts., 95c.

DWARF EARLY PEAS

Gunn's Excelsior. This is an improvement over Nott's Excelsior. Just as sweet; a few days earlier; better bearer, larger pods. Pt., 30c; qt., 50c; 2 qts., 95c; gal., \$1.85.

Nott's Excelsior. An improvement on American Wonder. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

American Wonder. Well known, very popular. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

McLean's Little Gem. Very prolific. Gardner favorite. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

Extra Early Premium Gem. Long, well filled, prolific pods. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

Little Marvel. Grows about 15 inches tall. The pods average 2½ inches long and are well filled with 6 or 7 sweet, tender peas; as early as Nott's Excelsior. Pt., 30c; qt., 50c; 2 qts., 95c; gal., \$1.85.

SECOND EARLY AND LATE PEAS

Mammoth Podded Peas. The mammoth of the garden in size of pod and is an exceedingly heavy bearer; peas of the most delicious flavor. It grows when "staked" or "brushed" from 3 to 4 feet high. Foliage, pod and vine of a rich, dark green color showing vigor and makes a rapid, healthy growth. Pods well filled with extra large peas of fine flavor. In maturity this comes in just about the same as the Telephone. Its heavy-cropping qualities as well as fine flavor will make it a favorite wherever planted. ½ pt., 20c; pt., 30c; qt., 50c, postpaid; dk., \$2.50, not postpaid.

Telephone. Very large pods, filled full of fine large sweet peas. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

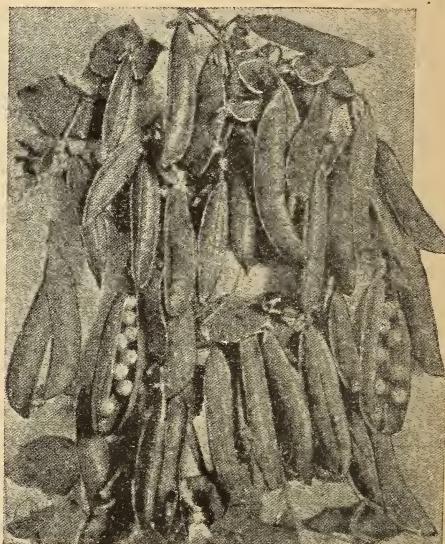
Improved Strangem. Large, full pods; quality fine. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

Everbearing. Long pods and large peas. Sow thin. Pt., 25c; qt., 50c; 2 qts., 90c; gal., \$1.75.

Champion of England. A well known standard pea. Sow thick. Pt., 30c; qt., 50c; 2 qts., 95c; gal., \$1.85.

Dwarf Sugar. Extra fine pods, eat same as Soup Beans without shelling. Pt., 30c; qt., 50c; 2 qts., 95c; gal., \$1.85.

Double size packets, 10c each.



Alaska Peas.

Parsnips

Hollow Crown. A market gardener's strain. Oz., 15c; ¼ lb., 35c.

Improved Guernsey. Shorter and larger than Hollow Crown. Very Smooth. Excellent quality. Oz., 15c; ¼ lb., 35c.

Peppers

Ruby King. Large and very mild. Oz., 60c; ¼ lb., \$2.25.

Large Bell or Bull Nose. Large and mild. Excellent for pickling. Oz., 60c; ¼ lb., \$2.25.

Sweet Mountain. Large regular, of mild flavor. One of the best for pickling. Oz., \$1.00; ¼ lb., \$2.50.

Long Red Cayenne. Bright red; very productive. Oz., 60c; ¼ lb., \$2.25.

Chinese Giant. Almost twice as large as Ruby King. They grow 4 to 5 inches broad and equally as long. Oz., 60c; ¼ lb., \$2.25.

Chili. Color red, cone-shaped; very small; one of the hottest. Oz., 60c; ¼ lb., \$2.25.

Double size packets, 5c each; 6 for 25c.

Parsley

Champion (Moss Curled). Very pretty; and one of the best. Oz., 15c; ¼ lb., 40c.

Hamburg or Rooted. Edible roots. Oz., 15c; ¼ lb., 40c.

Peanuts

The **Jumbo Virginia** is the large podded peanut sold in candy and grocery stores. It requires a longer season in which to mature, about 40 days longer than the Spanish, a rather rich soil, and the land must be light colored in order to secure bright clean pods. It yields heavily under favorable conditions and is the variety to grow in Louisiana and Arkansas, where the conditions of the soil are just right and a peanut for eating from the shell is wanted. It does not do so well under dry farming conditions, for if the growth is checked for several weeks, there is not time enough after the fall rains for this variety to fill out Jumbo, 35c per lb. At purchaser's expense—10 lbs., or more, 30c per lb.

Ask for prices on larger quantities.

Pumpkins

One ounce to 30 hills; 2 to 3 pounds to acre.

Tennessee Sweet Potato. Bell-shaped; white flesh; very thick. Oz., 25c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Sweet or Small Sugar. Fine for pies, very prolific and a good keeper. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Japanese Pie. Oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

Large Sweet Cheese. Flat; one of the best varieties for family use. Good keeper. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Striped Cushaw. Medium size, crook neck; very productive. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

King of Mammoth. Grows to an enormous size; fine for exhibition. Oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Connecticut Field. Very productive; grown largely for feeding stock. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Packets, 5c each; 6 for 25c.

Radishes

One ounce to 100 feet; 9 to 10 pounds to acre.

Ready in 18 to 45 Days.

Our Radish seed is either French or Michigan grown. Both are considered about equal. California seed grows larger leaves.

Early Bird. True stock; bright red, extra early, turnip-shaped. Oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$1.85.

Early Scarlet Turnip. Very early. The French favorite. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

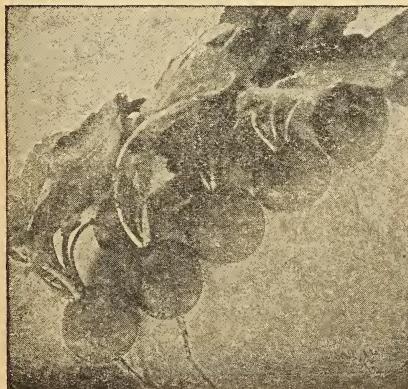
Early Scarlet Globe. Beautiful, bright scarlet, globe-shaped, crisp, juicy and tender. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Giant Crimson Globe. Very attractive, grows to a large size without becoming pithy or strong. Very crisp and juicy. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10.

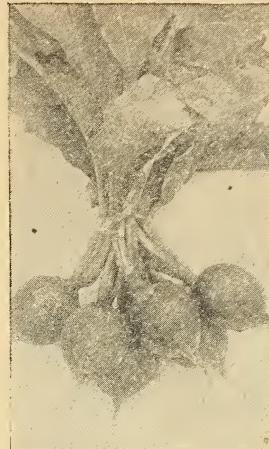
Non Plus Ultra. Extra early. Flat, scarlet, forcing. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.10.

New Sparkler. A new 20-day radish, globe-shaped. Very crisp. Bright scarlet with white tip. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Saxa Radish. The Saxa reaches a marketable size three days earlier than any other forcing variety. The roots are round or ball-shaped rather than turnip-shaped, with the thinnest possible tail.



Saxa Radish.



Early Scarlet Turnip



White Icicle.

The color is bright, deep, fiery scarlet with no hint of purple in it. The roots often reach a marketable size with only two true leaves. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Rosy Gem. Very early, white tipped, small turnip-shaped. Oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$1.85.

Early Scarlet Turnip. (White Tip). Very early. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

French Breakfast. Very early, oblong with white tip, rapid grower, tender and crisp. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

White Icicle. Purest white, long, rapid grower. Tender and juicy for a long time. Oz., 10c; $\frac{1}{4}$ lb.; 30c; lb., \$1.00.

White Vienna. A splendid second early, long white; sweet, mild and juicy. Oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$1.85.

Long Scarlet Short Top. Very long and crisp; for frames and open ground. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Improved Chartier. Large, long, summer radish; scarlet with white tip. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60.

White Strasburg. The most popular and best half-long summer. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

FOR WINTER

Round Black Spanish. The best globe-shaped winter radish. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Long Black Spanish. Very dark, long, crisp tender. A good keeper for winter use. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Rose China. Very handsome and distinct; keeps well. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

California White Mammoth. A very large white winter variety. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Packets 5c each; 6 for 25c.

At above prices we pay postage or express.

Rhubarb

Victoria. Stalks very tall and large. Best for family use. Oz., 25c; $\frac{1}{4}$ lb., 70c.

Linnæus. A large tender stalk Oz., 20c; $\frac{1}{4}$ lb., 50c.

Rhubarb Roots. Set in spring. 10c each, 6 for 50c.

Salsify

Vegetable Oyster.

Mammoth Sandwich Island. By far the largest and best for market or home. Oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Spinach

Bloomsdale. Earliest. Lots of leaves, curled and wrinkled. Oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

Long Standing. Dark green, leaves large and thick; very long-standing. Oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.



Improved Hubbard Squash

Squash

One ounce to 50 hills; 3 to 4 pounds to acre.

Sibley's. (Pike's Peak). Pear shape, pale green, smooth skin. Thick orange colored flesh. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

Fordhook. Small, very early, yellow, oblong. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

Mammoth White Bush Scallop. A good early shipping variety, best scallop. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Mammoth Summer Crookneck. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

Improved Hubbard. Much harder shell, better keeper, true. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Golden Hubbard. A perfect type of its parent, with red skin. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.50.

Mammoth Chili. Grows to an enormous size; rich orange yellow. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.90.

Tobacco

Connecticut Seed Leaf. Oz., 35c.

Havanna. Oz., 35c.

GUNN'S SEEDS ARE
CAREFULLY SELECTED

Tomatoes

One ounce to 1,500 plants; one quarter pound to transplant an acre.

Our Tomato seed is grown by two tomato specialists. Their business is growing tomato seed. Cheap tomato seed comes from the leavings of canning factories.

John Baer. This new, wonderful, much talked of tomato produces perfectly solid, almost round fruit in 30 days. Fruit grows in clusters with from 50 to 100 on each plant. The fruit ripens evenly and practically every one perfect. It has a beautiful bright red color, most delicious, sweet flavor; genuine stock. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Earliana. None earlier, good size, deep red, fine quality, very productive. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Dwarf Stone. Tree-shaped vine. Fruit large like stone with same color and quality. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Dwarf Champion. The original tree tomato. Fruit medium size, smooth and purplish pink. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Field's Early June. Field says: "Earlier than Earliana, smooth as Stone, solid and seedless as Ponderosa, more prolific than either." $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Burpee's Quarter Century. One of the best tree tomatoes. Very early, good quality. Oz., 35c; $\frac{1}{4}$ lb., \$1.15.

June Pink. Tomato is a pink Earliana, ripening fully as early. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Livingston's New Globe. Very large, smooth, firm flesh, rose colored, flavor excellent, perfect globe. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Yellow Ponderosa. Fruit large and smooth; color a beautiful golden yellow, sometimes with a slight blush of red, as smooth and well-shaped as the best of the red varieties and of superior flavor. Oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Chalk's Early Jewel or Bonnie Best. The largest, smoothest, finest flavored, bright red early tomato grown. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Ponderosa. The largest variety in cultivation. Oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Stone. Very large, perfectly smooth, fine bright scarlet; best main crop. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Matchless. Medium early, very smooth, bright, scarlet, grows in clusters, heavy yielders, globe-shaped, almost coreless. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Livingstone Coreless. For main crop, globe-shaped, bright red, no green core, good yielders, firm solid flesh. Oz., 35c; $\frac{1}{4}$ lb., \$1.10.

Trophy. Main crop, large, smooth, bright scarlet fine flavor, good yielders. Oz., 35c; $\frac{1}{4}$ lb., \$1.00.

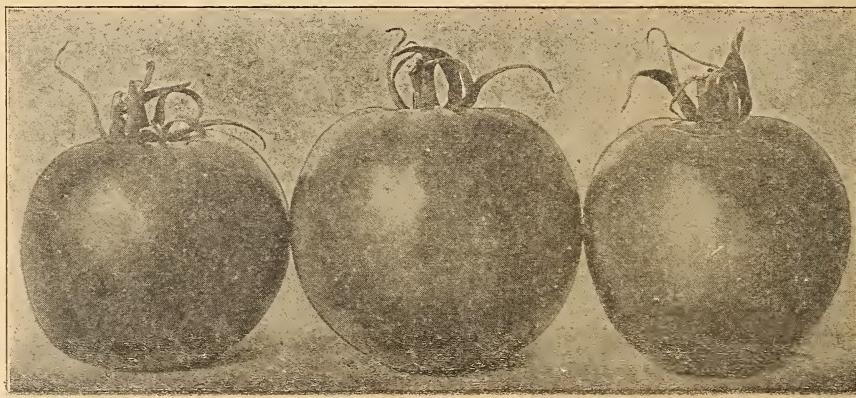
Golden Queen. Best of the large sized yellow tomatoes. Fruit smooth and of best quality. Oz., 35c; $\frac{1}{4}$ lb., \$1.20.

Yellow Pear. Sometimes called Fig tomatoes. Best for preserves. Oz., 35c.

Red Pear. Same as Yellow Pear, except color. Oz., 35c.

Packets, 5c each, 6 for 25c.

We Deliver Free at These Prices.



Dwarf Champion Tomatoes.

Turnips

One ounce to 1,500 feet of drill; 2 to 3 pounds to acre.

Snowball or Six Weeks. A beautiful, early, white skinned, sweet, tender turnip. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.25.

Red or Purple Top Strap Leaf. The popular flat, fall sort. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Purple Top White Globe. A standard sort; none better. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Early White Egg. Very handsome, pure white; excellent for early or late. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

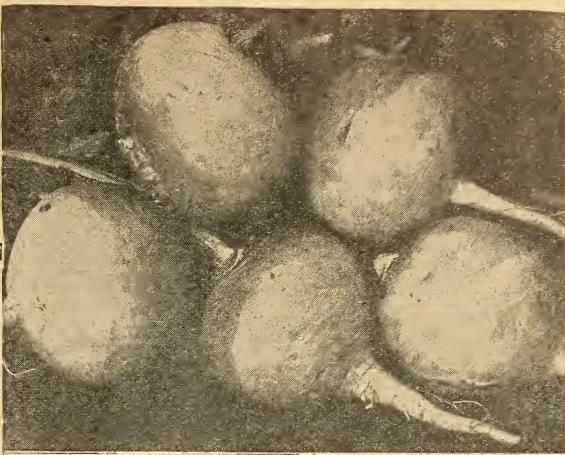
Cow Horn. Long, white. In shape resembling a cow's horn. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.25.

Pomeranian Large White Globe. Very large. Sweet for table and stock. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

RUTABAGA

American Purple Top. Yellow, with purple top. Flesh bright golden yellow, sweet and tender. Good for table or stock. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Sweet German. (Long White French). Grows very large, flesh white, solid and rich for table or stock. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



Purple Top White Globe Turnip.

VEGETABLE PLANTS

Postpaid	By express, your expense						
	Ready about	Per doz.	Per 25	Per 100	Per doz.	Per 100	Per 1000
Early Cabbage.....	April 25.....	\$0.20	\$0.30	\$0.90	\$0.15	\$0.85	\$6.50
Late Cabbage.....	May 10.....	.15	.25	.85	.15	.95	5.50
Early Tomato.....	April 25.....	.25	.45	1.00	.20	.90	8.00
Late Tomato.....	May 10.....	.20	.30	.90	.15	.80	7.00
Cauliflower, Snowball.....	May 10.....	.25	.45	1.25	.20	1.00	9.00
Egg Plant.....	May 10.....	.25	.45	1.25	.20	1.00	8.00
Early Celery.....	May 10.....	.20	.35	.75	.15	.60	5.50
Late Celery.....	June 1.....	.20	.30	.75	.15	.50	4.50
Pepper	May 10.....	.25	.45	1.25	.20	1.00	9.00
Sweet Potatoes.....	May 10.....	.....	.....	.65	.....	.50	4.50
Asparagus Roots.....	.....	.15	.....	1.00	.....	.60	5.00
Rhubarb Roots.....	.....	.....	.....	.....	.....	.....	.....

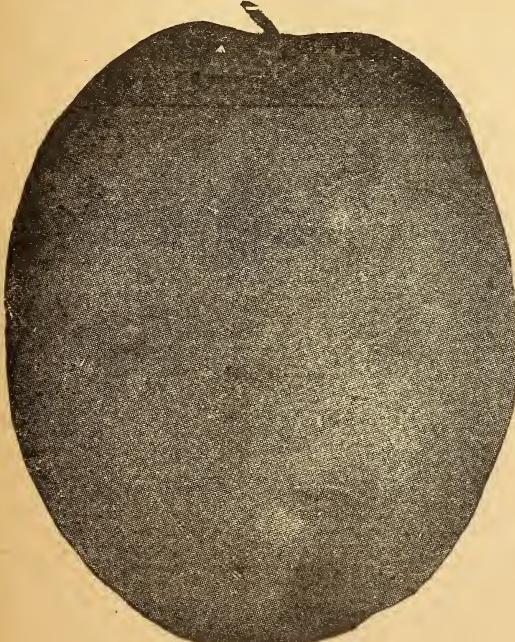
Plants Get Cheaper as Season Advances.

Write For Prices in Larger Lots.

Potatoes

RED RIVER OHIOS

RED TRIUMPH. Extremely early; medium size; round and uniform in shape; eyes slightly depressed; light red skin; white flesh.



Irish Cobbler Potato.

RED RIVER OHIOS

There is a lot of difference in the Red River Ohio potatoes. Some of the so-called Red River Ohios were never grown anywhere near the Red River Valley, and some that have been grown there were grown by growers who are careless, and the seed stock is very scabby and knotty. Our stock was produced by a man who makes a specialty of potatoes, and it runs much better than stock furnished by some grocery stores and others who frequently sell eating potatoes for seed potatoes. Be sure and see us before buying, as our quality is the very best and our prices right. Ask for prices.

IRISH COBBLER

One of the first varieties of potatoes ready for market, and will command a good price. The skin is creamy-white, sometimes netted, which is an indication of good quality; eyes are strong, well-developed and but slightly indented. The flesh is white and of fine flavor. Ask for price.

RURAL NEW YORKERS

The most popular main crop variety. Ask for prices, stating amount you wish.

Spray Potatoes Five Times with Bordeaux Mixture Beginning when Five Inches High—See Page 26.

All Prices on this Page Subject to Change.

PLANT A BIG HOME GARDEN IN 1920. Money-saving and health-saving are both worth while and the right kind of a good home garden with a dozen or more kinds of vegetables in it is both a money and health saver. Every mess of vegetables from the garden that takes the place of food bought at the store knocks holes in your bill at the merchants. Every mess of vegetables from the garden helps tone up the system, making unnecessary both drug bills and trips to see the doctor.

GUNN'S LAWN GRASS SEED

Tried and Proven to be the Very Best



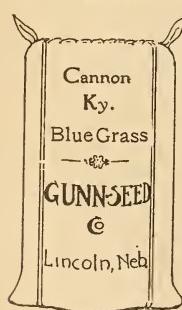
NEW LINCOLN HIGH SCHOOL

GROUNDS SEEDED WITH GUNN'S VELVET LAWN GRASS.

These beautiful grounds were seeded with **Gunn's Velvet Lawn Grass Mixture** in September, 1916. The Board of Education used about 1,000 pounds of this mixture, because of the high germination and with the idea of securing a better and more lasting lawn than if sod were used. (Part of this lawn had already been sodded but dried out.) When the winter set in the lawn was covered with a most beautiful velvet-like stand of rich green grass. The great trouble with sod is that it kills out easily because the heavy and more important roots are cut when the sod is taken up. When the sod is relaid, it does not come in close contact with the soil because the sod is very smooth while the soil is irregular; this causes small air spaces underneath the sod and the roots cannot start up again. This leaves the grass without sufficient nourishment and in time, if weather conditions are not very favorable, it dies out. Seed your lawn with **Gunn's Velvet Lawn Grass Mixture** and it will make you a most beautiful lawn and one that will last you indefinitely.

For Lawns

Gunn's Velvet Grass Mixture. This is composed of a mixture of grasses recommended by State University Farm as the best mixture for this part of the United States, with the idea of producing not only a desirable lawn with the least possible delay; but a lasting lawn that will give a beautiful velvety appearance, and one that will stand our severe summers. The seeds we use in this mixture are of the highest purity and germination, which makes it a little more expensive, but a great deal more valuable than the common run of grass seed. You should use about one pound of seed to every 400 square feet, and see that the seed is raked in as early in the spring as possible. Price: Per lb., 75c; 5 lbs., \$3.50.



CANNON BLUE GRASS

Pure Missouri Grown Kentucky Blue Grass. Nebraska's Pure Seed Law requires us to sell Blue Grass of a purity of 80 per cent with a germination of 40 per cent. This Blue Grass the past year tested 97 per cent pure, with a germination of 95 per cent. This year's stock will about equal last year's. It is the best produced; about four grades better than usually sold. Prices: Per lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00.

Fancy Kentucky Blue Grass. This is the regular grade. It passes the state law. Price: Lb., 50c; 5 lbs., \$2.60; bu., (14 lbs.), \$6.25.

WHITE CLOVER LAWN SEED

Cannon Brand White Clover. This is a special White Clover seed that is grown in Wisconsin. It

is practically pure seed, testing better than 99 per cent and germinating right at 100 per cent. It is the best White Clover that can be had. All White Clover Seed very scarce. Price: Per lb., 85c; 5 lbs., \$4.25; 10 lbs., \$8.00.

LAWN FERTILIZER

Gunn's Pulverized Sheep Fertilizer. Composed of pulverized sheep manure and chemical fertilizer. The sheep manure is put through a heating process that not only eliminates the odor and turns it to a fine, pulverized mass, but it also kills all weeds. Price: By freight, 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., (covers 30x30) \$2.50.

Lawn Bone Fertilizer. Composed mainly of fine, ground bone. It is clean and dry and furnishes just the desired element for young plants, and gives to the grass a permanent, rich, green color. It can be sown easily by hand. On new lawns it should be sown same time as the seed, and on old lawns any time in the early spring. It furnishes the same nourishment as manure. One hundred pounds covers surface 30x30 feet. Price: By freight, 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25.

DANDELION RAKE

A scientifically constructed tool for eliminating dandelions; cuts off all buds and blossoms, preventing future propagation from seed. Original roots soon starve out. The fine blade-like teeth of the RAKE slide flat along the ground and catch the buds and blossoms, but allow growing grass to slip through easily.

Substantially made of 14 gauge steel, selected ash handle. Price, 24 inch, \$1.25; 14 inch, \$1.00.

Gunn's Fine Flower Seeds

We secure our flower seed from one of the most reliable and most careful importers of flower seeds in the U. S. All of this flower seed is most carefully tested, and will grow if you treat it right. See that soil is packed. Use a shade of burlap when starting small flower seed in the sunshine, and don't cover too deep. DON'T PLANT TOO DEEP. (Only twice the depth of the seed.)

Flowers are inexpensive and if you select any of the ones listed below. THEY ARE AS EASY TO GROW AS WEEDS. For flowers all summer long and for all kinds of colors of flowers at all times be sure to plant SWEET PEAS, HOLLYHOCKS, PINKS, NASTURTIUMS, ASTERS, and more of the OLD-FASHIONED FAVORITES.

Seeds of Annuals

ALYSSUM. Sow early. Good for borders.
Sweet. Fragrant white flowers. The old favorite.
Pkt., 5c.

Little Gem. Dwarf and compact. Pkt., 5c.
Carpet of Snow. Very dwarf and trailing. Pkt., 5c.

AGERATUM. Good border plant. Blooms all summer. Grows 5 inches tall. Blue or white. Pkt., 5c.

ASTERS

ASTERS Bloom late summer and fall. Sow early.

Hohenzollern. Very large, double with curved petals. All colors mixed. Pkt., 5c.

Giant Comet. Grows like a Chrysanthemum. Mixed colors. Pkt., 5c.

Giant Comet. White... Pkt., 15c.

Giant Comet. Blue. Pkt., 15c.

Giant Comet. Crimson. Pkt., 15c.

Blanching. Large and late. All colors. Pkt., 5c.

Branching. Large and late. All colors. Pkt., 5c.
large brilliant flowers. Mixed. Pkt., 5c.

Truffaut's Peony Perfection. Large, beautiful. Very double. Mixed colors. Pkt., 5c.

ANTIRRHINUM. (Snapdragon). Grows easy, a showy border plant.

Tall sorts, mixed, all colors. Pkt., 5c.

Dwarf sorts, mixed, all colors. Pkt., 5c.

BALSAM. (Lady's Slipper or Touch Me Not.) Start seed in house.

Camellia Flowered. The best, very large and double. Mixed. Pkt., 5c.

BACHELOR BUTTON. Pkt., 5c.

CASTOR BEANS. Large sized plants, grow 8 feet tall. Pkt., 5c.

CALLIOPSIS. Double mixed. Pkt., 5c.

CANDYTUFT. Blooms early, making a striking display.

Empress. Forms a mass of pure white flowers. Pkt., 5c.

Giant Hyacinth. Flowered white. Pkt., 5c.

Fine Mixed. Red, white and pink. Pkt., 5c.

CENTAUREA. Fine old-fashioned flowers.

Cynus. (Bachelor's Button, Blue Bottle. Ragged Sailor, Corn Flower). Comes up every year from self-sown seed. Mixed. Pkt., 5c.

Gymnocarpa. (Dusty Miller.) Silvery white foliations. Pkt., 5c.

CLARKIA. Double mixed. Pkt., 5c.

COCKSCOMB or Celosia. Free-blooming, graceful, plants, produce spikes or beautiful feathery and comb-shaped flowers

Tall Mixed. Pkt., 5c.

Dwarf Mixed. Pkt., 5c.

COSMOS. Sow early and transplant. Blooms in fall.

Mixed Early Flowering. Pkt., 10c.
Striped. Large white centers, petals striped. Pkt., 10c.

Lady Lenox. Extra large pink flowers. Pkt., 10c.

Lady Lenox White. Large white flowers. Pkt., 10c.

Klondike. Pkt., 10c.

Mammoth Giant. Very large. All colors. Mixed. Pkt., 5c.

CALIFORNIA POPPY. (Escholtzia). Very showy. Large yellow cup-like flowers. Pkt., 5c.

EVERLASTINGS. Dry for winter bouquets. All kinds. Mixed. Pkt., 5c.

FOUR O'CLOCK. The old favorite. Mixed. Pkt., Pkt., 5c; 1 oz., 20c; ¼ lb., 60c.

DIANTHUS. Perennial pinks that bloom the first year.

Indian Pinks. (Double Chinese). Mixed. Pkt., 5c.

Japan Pinks. Double, very large. Mixed Pkt., 5c.

Fireball. Bright scarlet. Pkt., 5c.

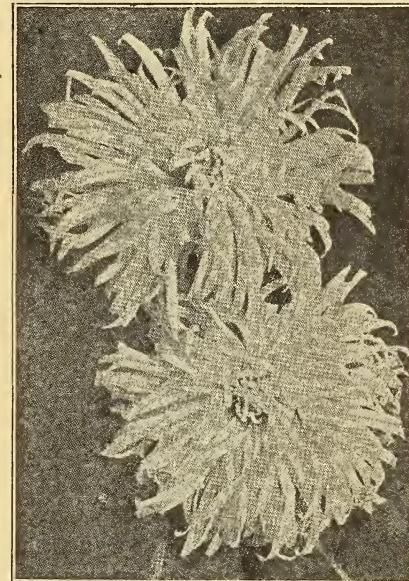
Snawball. Pure white. Pkt., 5c.

Midnight. Blood red. Pkt., 5c.

All mixed. Pkt., 5c.

Count Kerchove. Pkt., 5c.

JOB'S TEARS. Pkt., 5c.



Asters.

HOLLYHOCK. Annual single mixed. Double mixed. Pkt., 5c.

HELICHRYSUM. Double mixed. Pkt., 5c.

KOCHIA. (Summer Cypress). Green plants that look like evergreens. Pkt., 5c.

LARKSPUR. (Hyacinth Flowered). Free bloomer. Flowers resemble hyacinths. Mixed. Pkt., 5c.

Special Mixed. All colors. Pkt., 10c

LOBELIA. Annual. These are charming little plants with numerous small blossoms all summer. They flower from seed the first year. Used to an advantage in edging and in pots. The blossoms are particularly bright in appearance. Pkt., 5c.

MARIGOLD. The old-fashioned free bloomers. Easy to grow.

African. Immense double yellow flowers. Tall stems. Pkt., 5c; ½ oz., 25c.

French. The dwarf marigold, with double flowers in rich shades of yellow and brown. Pkt., 5c; ½ oz., 25c.

MIGNONETTE. The old favorite. Sow every two weeks. Large flowering. Mixed. Pkt., 5c.

NICOTIANA. Flowers salver-shaped with long tubular corollas. About 3 ft. high. Pkt., 10c.

Packets 5c, or 6 for 25c.

NASTURTIUMS

DWARF.

Our stock was grown for us by a most careful California grower.

GUNN'S SUPERB MIXTURE.—This is composed of the richest and most varied combination of named colors and will produce a rich profusion of beautiful colors. Lb., \$1.75; ¼ lb., 50c; 2 oz., 35c; oz., 15c; pkt., 5c

PORTULACA (rose Moss).—These beautiful low-growing annuals bloom from spring till fall.

Single Mixed.—All colors. Pkt., 5c.

Double Mixed.—All colors. Pkt., 10c.

PETUNIAS.—Continued bloomers, pleasing fragrance and easy to grow.
General Dodds.—Velvety dark red. Pkt., 5c.
Snowball.—Pure white. Pkt., 5c.
Fine Mixed.—Pkt., 5c.
Giant Ruffled and Fringed.—Single flowers of all colors and sizes. Pkt., 10c.
Double Mixed.—Pkt., 20c.

PHLOX DRUMMONDI.—Blooms from July to frost.
Pure White, Showy Scarlet Rose.—Each color separate or mixed. Pkt., 5c.
Starred and Fringed.—Dwarf. Pkt., 5c.

POPPIES.—Grow any place.

Tulip.—Cup-shaped, brightest scarlet. Pkt., 5c.
Paeony Flowered.—Very large and double. All colors. Pkt., 5c.

White Swan.—Immense double fringed flowers. Pure white. Pkt., 5c.

Shirley.—Brilliant crimson edged with white. Pkt., 5c.

SCABIOSA (Mourning Bride).—Excellent for bouquets.

Tall German Double.—All colors. Mixed. Pkt., 5c.
Black Prince.—Very large, dark rich maroon. Pkt., 5c.

SALPIGLOSSIS.—Mixed. Pkt., 5c.

SALVIA.—**Splendens.**—(**Flowering Sage**).—A continuous bloomer with spikes of fiery red. Pkt., 5c.

SMILAX.—In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. Pkt., 5c.

STOCKS (German Ten Weeks).—Large double rosette-like flowers. All colors. Mixed. Pkt., 5c.

VERBENA.—Sow early, bloom profusely from June to frost. Scarlet, white, pink, blue, purple. In separate colors or mixed. Pkt., 5c.

ZINNIA.—Grows easily. Blooms all summer.
Giant Flowering.—Perfectly double. Pkt., 5c;
 $\frac{1}{2}$ oz., 40c; oz., 55c.
Dwarf Fireball.—Brilliant scarlet. Pkt., 5c; $\frac{1}{4}$ oz., 25c.
Zebra.—Red and yellow striped. Pkt., 5c; $\frac{1}{2}$ oz., 40c.
White Gem.—Small, double, white. Pkt., 5c; $\frac{1}{4}$ oz., 40c.

WILD FLOWER GARDEN MIXTURE.—Pkt., 5c.
 Good mixture of all easy growing flowers.

PANSIES

We are most careful in the selection of the Pansy seed that we sell. It is all high grade seed and grown by the best European flower seed specialists.

GIANT INTERNATIONAL. We believe this is the best Pansy mixture in existence. It is composed of the cream of ten Pansy specialists' collections. Besides the fancy selections of these growers, it also contains noted named varieties of all expert growers. Lb., \$2.00; $\frac{1}{4}$ lb., \$65; oz., \$16; $\frac{1}{3}$ oz., \$3; pkt., 20c.

GIANT PANSY MIXTURE. This mixture is made of all shades of the giant pansies, such as Butterfly, Orchid-Flowered, Trimardeau, Bugnats and Cassier types. Oz., \$12; $\frac{1}{2}$ oz., \$2; pkt., 15c.

CUT FLOWER MIXTURE. This is a good mixture of all the other desirable pansies. It is a splendid medium priced mixture. Oz., \$1.00; pkt., 5c.

CARDINAL CLIMBERS. A very distinct, rapid grower with beautiful deeply cut leaves. It is covered with a blaze of circular, fiery, cardinal red flowers from July to frost. Plant in a warm place. Pkt., 5c.

CYPRESS VINE. A most beautiful climber, scarlet or white star-like flower. Pkt., 5c.

DOLICHOS (Hyacinth Bean). Splendid climbers, producing clusters of pea-like purple and white flowers. Pkt., 5c.

GOURDS. In separate shapes or mixed. Pkt., 5c.

HUMULUS (Japanese Hop). A rapid grower with variegated leaves. Pkt., 5c.

MOON FLOWER. It grows rapidly, often reaching 30 ft., large white flowers. Pkt., 5c; $\frac{1}{2}$ oz., 30c.

MORNING GLORY. The well-known kind. Pkt., 5c.
Japanese Giant. Mammoth flowers from 4 to 5 inches across. Pkt., 5c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c.

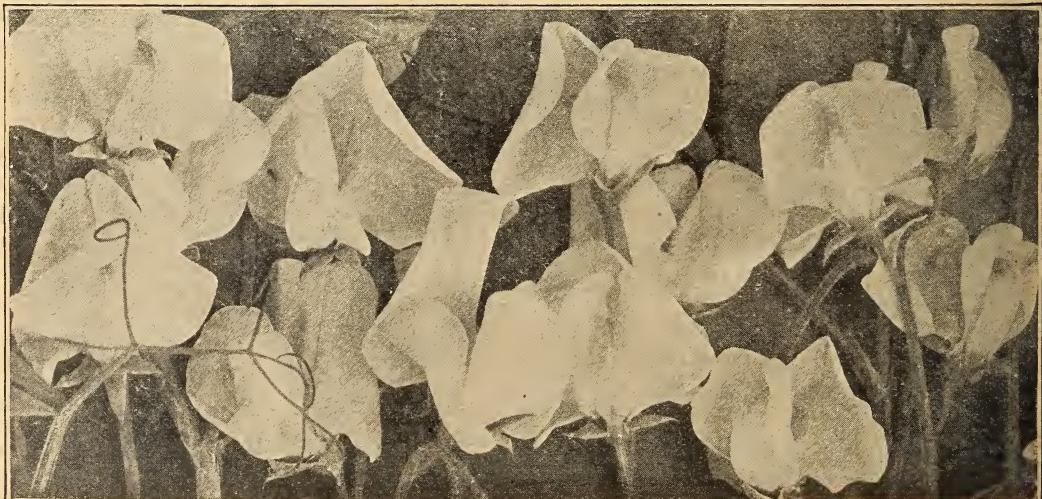
SWEET PEAS

We get ours from one of the very best California growers. They will please you. Don't plant too thick.

GUNN'S GIANT SPENCER MIXED.—Sow this mixture and you will have flowers that are unsurpassed. The old small-flowering types have been eliminated and nothing but the very highest and best types of Giant Spencers put in. Many stems will carry four or more blooms beautifully crimped and of immense size. Lb., \$1.75; $\frac{1}{4}$ lb., 50c; oz., 20c; pkt., 8c.

GIANT FLOWERING MIXTURE.—Selected from the best flowers of Unwins. Granda Floras and other desirable kinds. No small, undesirable types included. Lb., \$1.30; $\frac{1}{4}$ lb., 45c; oz., 15c; pkt., 5c.

BALSAM, APPLE AND PEAR.—Very rapid climbers, golden yellow fruit. Pkt., 5c.



Gunn's Sweet Peas.

NASTURTIUMS (Tall). These are ideal ramblers that cover fences quickly. They bloom continually till frost. All colors. Mixed. $\frac{1}{4}$ lb., 50c; 2 oz., 35c; oz., 20c; pkt., 5c.

WILD CUCUMBER. Covers a trellis very quickly with a vine filled with white sweet-scented flowers. Pkt., 5c.

All 5c Packets 6 for 25c.

PERENNIALS AND BIENNIALS

Start in the house early. All these will live outdoors through the winter.

AGROSTEMMA. Coronaria varieties. Mixed. Pkt., 5c.

ENGLISH DAISY.—DOUBLE (Bellis). White and pink. Mixed. Pkt., 5c.

COLUMBINE (Aquilegia). An old favorite. Single mixed. Pkt., 5c.

Special Mixed. Contains all varieties of single and double. Pkt., 10c.

CAMpanula MEDIUM. (Canterbury Bell.) Single mixed. Pkt., 5c.

Double mixed. Pkt., 10c.

Calycanthemum (Cup and Saucer.) All colors Mixed. Pkt., 5c.

CARNATIONS. Double mixed. Pkt., 5c.

Margaret. Dwarf. Pkt., 5c.

Red Grenadin. Double, red. Pkt., 5c.

White Grenadin. Double, white. Pkt., 5c.

FOX GLOVE. (Digitalis). Blooms in July and August. Pkt., 5c.

PERENNIAL LARKSPUR (Delphinium). Blooms from June till frost if flowers are cut. Pkt., 5c.

DAISY, GIANT SHASTA. The flowers are extremely large. Centers yellow, petals white. Pkt., 5c.

FEVERFEW (Pyrethrum). Flowers aster-like, blooming throughout the summer. Mixed. Pkt., 5c.

FORGET-ME-NOT (Myosotis). Bright blue. Pkt., 5c.

HOLLYHOCK—Chater's Superb. Double mixed. Pkt., 5c.

Alleghany. Finely fringed. Large sized. Mixed. Pkt., 5c.



Nasturtiums.

ORIENTAL POPPY. Flowers are of enormous size, often 6 inches in diameter. Pkt., 5c.

CORN FLOWER ASTER (Stokesia Cyanæa.) Handsome lavender blue cornflower-like blossoms. Pkt., 5c.

SWEET WILLIAM. Produces large clusters of brilliant flowers.

Bright Scarlet, Pure White. Single and double. Mixed or in separate colors. Pkt., 5c.

Summer Flowering Bulbs

CANNAS.

ALLEMANIA. Scarlet orange, bordered with yellow. 6 feet.

ALPHONSE BOUVIER. Richest red; showy variety. 5 feet.

BEAUTE POINTEVINE. A rich glowing crimson. 2½ feet.

BURBANK. Immense flowers of rich yellow. 3½ feet.

EGENDALE. Bronze foliage, flowers deep red. 4¼ feet.

FLORENCE VAUGHN. Pure yellow dotted with red. 5 feet.

FREDERICK BENARY. Currant with orange throat and yellow edge. 5 feet.

KING HUMBERT. Giant flowered; orange scarlet; bronze leaf. 4 feet.

MADAME CROZY. Crimson scarlet with yellow border. 3½ feet.

MME. BERAT. Large flower of a soft rosy carnation, nearly pink. 6 feet.

QUEEN CHARLOTTE. Rich crimson with band of yellow. 4 feet.

Price. All varieties of Cannas. Started plants. each 20c.

CARNATIONS. All colors and varieties. Each 12½c; doz., \$1.25.

CHRYSANTHEMUMS. Any colors. Plants, per doz., \$2.00.

GERANIUMS. Beaute Pointevine, Mr. E. G. Hill, S. A. Sutt. Sweet Scented, Jean Vaud, Alphonse Ricard. All kinds of colors. Plants, depending on size, per doz., 75c to \$2.00.

COLEUS. Foliage plant. Each, 15c; doz., \$1.40.

R. H. JAS. All colors. 15c, each; \$1.50, doz.

FERNS. Asparagus Plumbosus, Asparagus Sprengeri Boston, Ostrich Plume. Each, 25c; doz., large 85c.

SALVIA; (Flowering Sage). Plants, each, 10c; doz., 80c.

VERBENAS. Fine collection. Plants, each, 10c; doz., 85c.

MADEIRA VINE. A rapid climber. Strong tubers. Each, 5c; doz., 30c.

TUBEROSES. Wax-like, very white, fragrant flower. Bulbs, each, 5c; doz., 40c.

CALADIUM ESCULENTUM (Elephant Ear.) Bulbs, each, 15c.

GLADIOLI

This is one of the best summer-flowering bulbs. It is a flower anyone can grow and is lovely enough to satisfy the most exacting. The flowering season may be continued by planting from the middle of April to the first of June. Set bulbs 6 inches apart and 2 to 4 inches deep.

AUGUSTA. Lovely, pure white, blue anthers. Postpaid, 6c, each; 60c, dozen.

AMERICA. The finest pink Gladiolus yet introduced; especially valuable to florists; spikes 2 to 3 feet long; flowers are large, open and spreading. Color delicate lavender pink. Postpaid, each, 5c; doz., 50c.

BARONHULOT. Dark purplish violet. Postpaid, 7c each; 70c, dozen.

BRENCHEYENSIS. Intense fiery scarlet. Postpaid, each, 5c; doz., 50c.

MRS. FRANCES KING. Bright "Flamingo" pink, strikingly attractive. Flowers 4 to 5 inches across, are borne on stalks 5 feet high. Postpaid, each, 6c; doz., 60c.

YELLOW SHADES. Postpaid, each 6c; doz., 60c.

LEMOINES HYBRIDS. The size and beautiful shadings of this strain give the greatest possible range of varieties. Postpaid, each, 5c; 6 for 25c; doz., 40c.

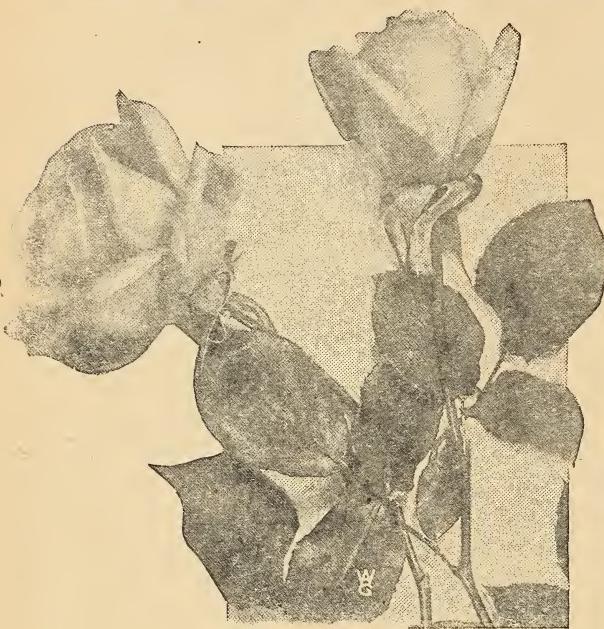
CHILDSI, FINE MIXED. All colors and varieties. Every one a beauty. Postpaid, each, 5c; doz., 40c.

GOOD MIXED. Especially recommended to make a good brilliant show in the garden for a small outlay. All bloomers. Postpaid, each, 4c; 25c; doz., 25c.

All 5c pkts., 6 for 25c.
10c pkts., a lot 25c.

ROSES

We furnish all roses growing in pots. Then you know that they are alive and that they will keep growing when set out. All that we list will stand our winters with proper care.



La France Rose.

HARDY CLIMBING ROSES

Crimson Rambler. The old standard that blooms all summer.

Philadelphia Rambler. Brighter and deeper red than Crimson Rambler. Very double.

Dorothy Perkins. The best pure white climber.

White Dorothy Perkins. The best pure white climber.

Tausendschoen. A soft pink, changing to a bright crimson rose. Almost thornless.

Lady Gay. Warm Cherry Pink, shading to soft white, delicately perfumed.

Price of all Ramblers Medium...25c to 35c, postpaid,
Large....50c to 75c, postpaid.

EVERBEARING STRAWBERRIES

The Everbearing Strawberry is a big success. Plants set out in the spring will produce a good crop of berries the same season set out. The second season they will yield a big crop in the spring and will produce all summer and fall, up until the ground freezes.

PROGRESSIVE. per. A great plant maker and very prolific, producing berries on new runners as well as mother plants. Dark red clear through and quality the best. Our advice is to plant this variety. Order early.

50 Plants, \$1.50; 100 plants, \$2.50, postpaid.

SPRING STRAWBERRIES

SENATOR DUNLAP.—per. The best general purpose variety, adapted to all localities. We sell more Dunlap plants than any other variety. Heavy bearer, large, dark red color and excellent quality. A great plant maker. One of the best varieties for market and home use. A money maker. If you only plant one variety select this one. The demand for Dunlap plants is large. We expect to have enough plants to fill all orders, but order early to make sure.

WARFIELD—imp. Berries deep glossy red, good quality. As this variety has imperfect flowers it

PERPETUAL BLOOMERS

Richmond. A rich red, with long pointed buds. Open flowers very large. Free bloomer.

Kaisserine. Extra large, pure white, very double. **Killarney.** A grand new rose, with long pointed shell-pink buds.

American Beauty. Very large, fragrant, red. **Perle Des Jardens.** A fine, pure yellow, free bloomer.

La France. Satin pink, large and very fragrant. **Hermosa.** Large, very double, free blooming, fragrant, beautiful, clear pink rose.

Clothilde Souperf. Vigorous bloomer, light pink, good for bedding.

Rhae Reid. A fine summer, red rose. Large and double.

White Killarney. Pure white, grand bud, good bedder.

My Maryland. Large, pure double pink. Free bloomer.

GENERAL JACQUEMINOT ROSES

Lady Hillingdon. Long, deep coppery yellow pointed buds, that open up into most beautiful blooms.

Prices of New Roses

From 3" pots.....	25c postpaid.
From 4" pots.....	50c postpaid.

BABY RAMBLERS

Erna Techendorff. The best Crimson "Baby." Very beautiful and flowers do not fade.

Jessie. Freest of bloomers. Bright cherry crimson flowers, which never fade.

4" pots	35c.
Large	75c.

OTHER HARDY ROSES

Virginia R. Cox. Reddest of all reds, easy to grow, blooms continually.

Gen. Jacqueminot. Rich crimson scarlet with handsome bud.

Magna Charta. One of the best fine large pinks.

Paul Neyron. Large, full, clear pink.

Ulrich Brunner. Rich cherry red and thornless.

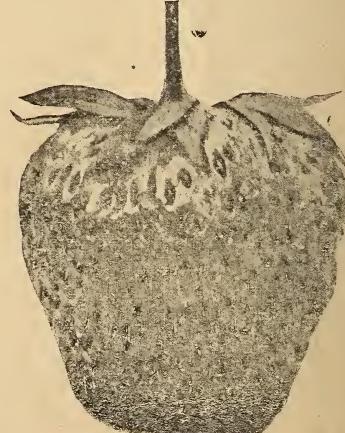
Madam Plantier. Pure white and free bloomer.

Prince Camille De Rohan. Very dark velvety crimson, changing to intense maroon.

Prices of All Hardy Roses.
Extra large, pot grown.....60c postpaid.

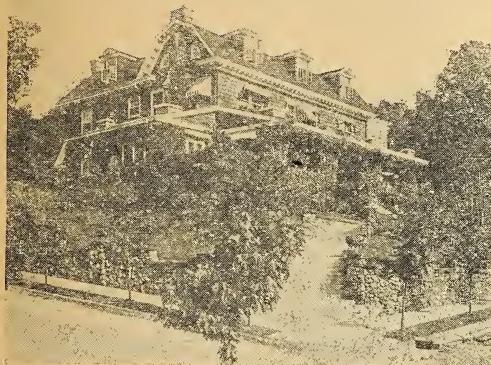
should be planted next to Dunlap or other perfect flowering variety. Very productive. Good market variety and finest for canning. A money maker.

50 Plants, 75c; 100 Plants, \$1.25, Postpaid.



Progressive Everbearing Strawberry

Ornamental Hardy Shrubs and Climbers



A few dollars spent in beautifying your home grounds will be money well spent.

All Hardy.

ORIENTAL SHRUBS

Aquilegia (Columbine) Fine double mixed. Large clumps, each 30c.

Bleeding Heart. Large roots. Each 35c.

Deutzia Gracilis. Low growing, white flowers. 40c.

Hardy Phlox. All colors and shades. Pure white, pink, salmon to brilliant carmine. Large clumps, each 25c, postpaid.

Hardy Hibiscus. Good roots 35c, postpaid.

Honeysuckle. Tartarian. Upright grower, pure white flowers. Hardy. 40c, postpaid.

Hydrangea Paniculata. Has large bunches of white flowers, lasting weeks. Hardy. 50c, postpaid.

Iris. German, all shades. Hardy. 25c, postpaid.

Lilac. Very fragrant. Both white and purple. 1 egg 7vb; rice 11P; SIE e4xz xz
Large plants. Hardy. Each 40c, postpaid.

Spirea, Arothony Waterer. Dwarf, deep red. Extra fine variety. Strong plants, 40c, postpaid.

Spirea, Billardia. Produces fine plume-like sprays of shell pink flowers. Strong plants. 40c, postpaid.

Spirea Van Houtii or Bridal Wreath. Becomes literally covered with pure white flowers. Strong plants. 40c, postpaid.

Snowball (Mock Orange) Pure white, fragrant flowers. Large plants. 40c, postpaid.

Weigella Eva Rothke. Flowers large, bright red and everblooming. Large plants. 50c, postpaid.

Weigelia. Produces qualities of soft shell pink, trumpet-shaped flowers. Large plants. 50c, postpaid.

CLEMATIS

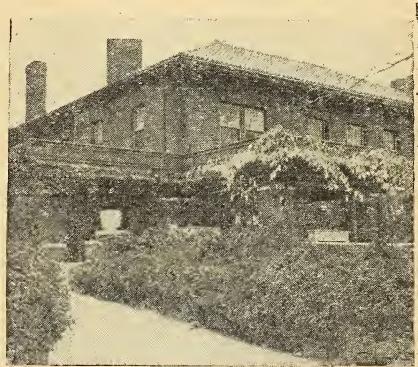
Most Beautiful Hardy Climbers.

Jackmanii. Large rich purple, 2 to 3 year old roots. 50c, postpaid.

Henryii. Large pure white, 2 to 3 year old roots. 50c, postpaid.

Ramona. Very large, sky blue. 2 to 3 year old roots. 50c, postpaid.

Paniculata. Small, graceful, white, fragrant flowers. Large plants. 50c, postpaid.



Wisteria Covers This Porch.

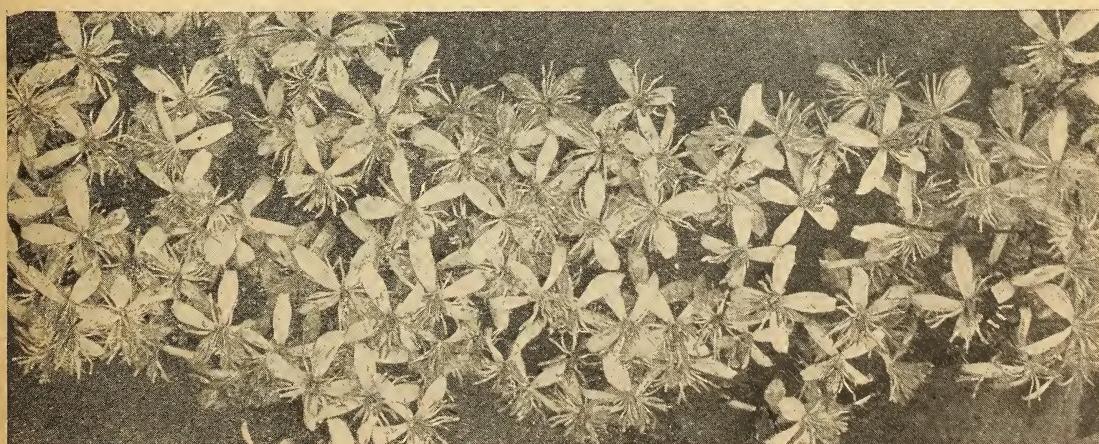
CLIMBERS

Wisteria. Fine climbers, with large clusters of purple flowers. Large plants, each 50c, postpaid.

Scarlet Trumpet. A rapid climber, with large scarlet, trumpet-shaped flowers. Dormant roots. 50c, postpaid.

Honeysuckles. In 4 colors. Scarlet Trumpet, Yellow Trumpet, Monthly Fragrant, White and Pink. Large plants. Each, 50c, postpaid.

Boston Ivy (Ampelopsis Veitchii). Covers walls very quickly. Each, 50c.



Flowers of Clematis Paniculata.

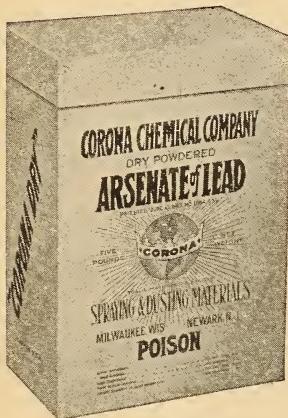
Insecticides and Spraying Materials

JUST DUST

This is made possible by using Corona Dry (Arsenate of Lead) and Corona Dusting Sulphur. Just dust your fruit trees, vegetables, shrubs, plants and small fruit. The combination kills all leaf-eating insects and controls most fungous diseases. It clings to the leaves and will not wash off easily. Booklet free. For large orchards we recommend spraying.

"CORONA DRY"

(Arsenate of Lead).



Amount to use for potatoes—4 lbs. to acre. For trees—5 lbs. per acre.

"S-W" DRY LIME-SULPHUR

Think of the trouble and expense you will save by using this Dry Lime and Sulphur. Simply mix with water. Just as effective as the old style. Been tried out by several experimental stations.

10 lbs. Dry Lime Sulphur make 50 gallons spray. 80 lbs. costing \$8.90, makes 400 gallons spray. Cheaper than the liquid Lime and Sulphur. Price: 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.35; 50 lbs., \$6.00; 100 lbs., \$10.00.

CORONA SULPHUR

For Fungous Pests

The most common fungous disease that annoys the gardener and orchardist are Early Blight on potatoes, Scab on apples and pears, and Brown Rot on peaches. Corona Dusting Sulphur is good for all these and can be used by itself or in combination with "CORONA DRY," mixing the two in equal proportions. $\frac{1}{2}$ lb., 12c; 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.20.

"CARCO" VEGETABLE SPRAY

Carco diluted with 100 lbs. of water kills cut-worms and keeps them out of the soil; also kills root maggots and cabbage worms.

It has proved a REMARKABLE SUCCESS in INCREASING THE YIELD of Cabbage, Cauliflower, Turnips, Radishes, Onions, Beans, Beets, etc. Pt. can, 50c; qt. can, 75c.

BUG DEATH APHIS

A POWDER.

For sucking insects, lice, aphids, flea beetles, and fungus, this preparation is offered with full confidence in its protective as well as destructive power to lice on cucumbers, muskmelon and sweet peas. There is no place where it can work injury, its sole mission being to protect and to save. Price: 20c, per package.

SULPHO-TOBACCO SOAP

Especially fine for spraying sweet peas, roses, shrubs and vines to kill bugs, slugs and lice. 3 oz. cake (6 qts. water), 15c; 8 oz. cake (4 gals. water), 25c.

WHALE OIL SOAP. 35c lb.

GRAFTING WAX. 50c lb.

PRUNING PAINT. 30c per qt.

FENNEY HAND DUSTER

A Real Powder Gun.



This machine is made on a new principle and is more effective than any other kind yet introduced. It is well made, nickel-plated and, as there is nothing about it to wear out, should last a lifetime. Price: Each, \$2.75.

NOX-EM-ALL GOPHER TABLETS



are the most effective poison we know. They are **sure death** to Pocket Gophers, Ground Squirrels, Prairie Dogs, Ground Hogs and other field Rodents. They are made of tidbits especially attractive to these pests which eat them greedily. **They are easy to use—sure in results.** Buy them—use them and save your crops. Directions printed on each package.



Put up in two sizes.

200 tablets.....\$.50

500 tablets.....\$ 1.00

It cannot go by mail.

MICHELSON'S KILL-EM QUICK

Kills Gophers.

Mix with grain. Price, 50c, 75c, and \$1.00.

BUG DEATH

This is a powder used for killing any bug or worm that eats the foliage or flowers of any plant. It is absolutely harmless to plant or animal life, thus making it a safe poison. Can be used dry or with water. Bug Death can be sent by mail. Price. Lb., 20c; 3 lbs., 45c; 5 lbs., 65c; 12 lbs., \$1.35.



Reg. U. S. Pat. OFF.
Pat. March 16 and Nov. 9, 1897.

Devoe Insecticides and Fungicides

INSURE YOUR GARDEN AND ORCHARD AGAINST BUGS

DEVOE PURE PARIS GREEN

ANALYSIS.

Arsenious Oxide, combined with Copper, not less than	50%
Water Soluble Arsenic, not more than	3.5%
The Old Reliable, a strong, effective poison for Potato Bugs, Tobacco and other leaf-eating insects. Can be applied either dry or in a solution of water. DEVOE—the strongest and brightest Paris Green on the market.	
For the Convenience of the Customer, we put Paris Green in	
1/4 lb. Cartons	.25
1/2 lb. Cartons	.40
1 lb. Cartons	.75
1 lb. Cans	3.50

LIME AND SULPHUR SOLUTION

GUARANTEED TO TEST 33 DEGREE BEAUME



A Fertilizer, A Sheep Dip,
A Fungicide. It is generally conceded that the best defense against SAN JOSE SCALE and kindred enemies of the orchard, is in spraying with a solution of Lime and Sulphur.

Put in

1/4 Gal. Cans, (4 to case)	\$.25
1 Gal. Cans, (6 to case)..	.75
5 Gal. Kits	2.75
1/2 Barrels, (about 30 gals.)	
Ask for price.	
Barrels, (about 50 gals.)	
Ask for price.	

DEVOE BORDEAUX MIXTURE

Dry Powdered Form.

DIRECTIONS FOR USE

To Control Scale and Blight.
For all Fungous diseases.

For Potatoes, dust without reduction, 4 to 5 pounds per acre (according to size of vines).

For Fruit Trees, dust after reducing one pound of DRY BORDEAUX with 20 lbs. of lime dust.

For Spray: To make the equivalent of 4-4-50 mixture, use eight pounds of DRY BORDEAUX MIXTURE to 50 gallons of water. For 5-5-50 mixture, use 10 pounds to fifty gallons of water.

Put in

1 lb. Cartons (for 6 gallons water).....	\$.55
5 lb. Cartons (for 30 gallons water).....	2.25
10 lb. Boxes (for 60 gallons water).....	3.50
25 lb. Drums (for 150 gallons water).....	7.25

Ask for prices in larger lots.



DEVOE CALCIUM ARSENATE

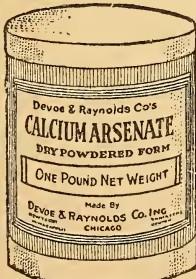
Dry Powdered Form.

For the control of Potato Bugs. Calcium Arsenate is a lighter, more fluffy powder than Arsenate of Lead or Paris Green—more bulky. When used dry, will dust more plants per pound, and when mixed with water will stay in suspension better and give you better and more uniform distribution.

Put in

By lb.	
1/2 lb. Cartons	\$.35
1 lb. Cartons .....	.60
5 lb. Cartons	2.50
10 lb. Boxes	4.30

Ask for prices in larger lots.



Devoe "Sure Noxem"

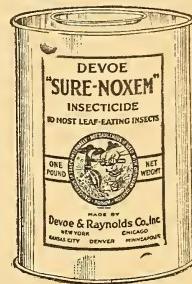
Dry Powdered Form.

One of the best vegetable insecticides in use. Specially recommended for destroying worms and insects.

What to Use it on.

Cabbage, Cauliflower, Tomato Plants, Cucumber Vines, Melon Vines, Currant Bushes, Gooseberry Bushes, Vegetables and Flowers of all kinds attacked by Leaf-eating insects.

Is put in
1 lb. Sifer Top Carons.....25c
Write for Book of Directions.



"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for all sucking insects.

PRICES:

1 oz.—\$.25—makes 6 gallons spray.
1/2 lb.—1.00—makes 40 to 120 gallons spray.
2 lb.—3.25—makes 160 to 500 gallons spray.
10 lb.—13.75—makes 800 to 2,500 gallons spray.



DICKY DUSTER

A small hand tool for dusting all dry insecticides.

Price 50c



ACRE AN HOUR DUSTER

An ideal sifter to use on large patches for distributing Bug Death and all dry insecticides.

Price 80c

TROWL—WEEDER—TRANSPLANTER

A BOON TO GARDENERS, FLORISTS, GREENHOUSEMEN.

COMBINATION GARDEN TOOL



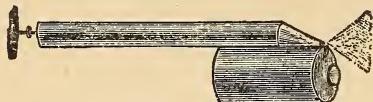
In offering the "TROWEED" to the public, furnishes the first real improvement ever made in these essential garden tools.

ADVANTAGES OVER ORDINARY TROWER—WEEDER, ETC.

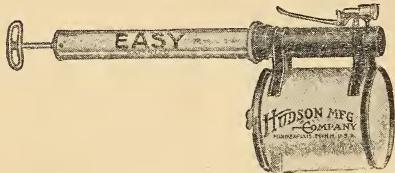
- 1st.—The sharp point enters the soil with ease, picking out weeds without disturbing growing plants; in transplanting has no equal.
- 2nd.—The saw tooth edge—decided aid in pulverizing the earth, loosening weed roots.
- 3rd.—Does away with separate tools.
- 4th.—Mechanically perfect in construction. The shape strengthens the solid steel blade making it proof against rough usage. Also increases its holding capacity.
- 5th.—Most important to consider—no higher in price than the ordinary all steel trowel.

PRICE, 60 CENTS

SPRAYERS

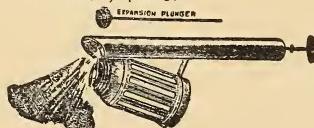


No. 7. One pint, 40c; one quart, 60c.
"EASY"



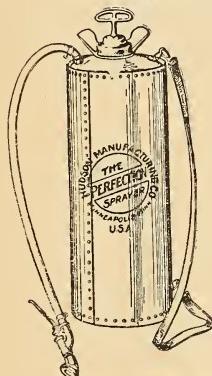
Has a large powerful pump. Automatic shut-off. Holds one gallon. 23 inches long. For large gardens, chicken houses, etc.

Price. Galvanized, \$2.25.



No. 20. With quart fruit jar, 90c.

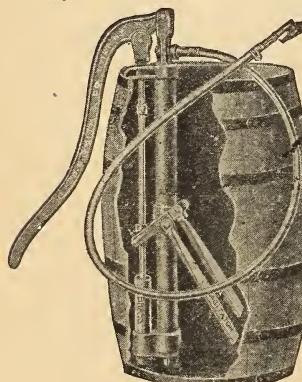
PERFECTION SPRAYER



The hose is attached to the sprayer at an angle so that it will not kink and become cracked and broken. The shoulder strap is attached with snaps and can be quickly and easily removed. The hose is 3/8-in., 5-ply cloth inserted and is equipped with our automatic shut-off nozzle.

This sprayer will handle whitewash, Bordeaux mixtures, etc., perfectly.

Weight, 9 lbs. empty. All sprayers tested to 60 lbs. before leaving factory. Price, \$6.50.



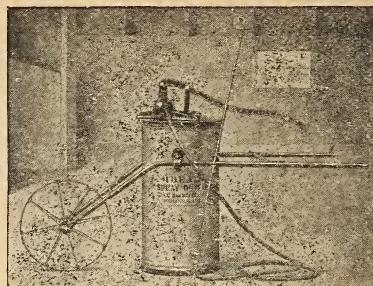
No. 40.

Ask for Catalog Describing Larger Sprayers.

No. 34. Similar to number 40 but has smaller cylinder and air chamber and only 5 ft. of smaller hose. Price without barrel, \$10.50.

UTILITY No. 10

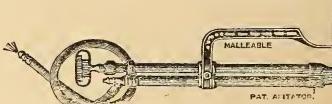
Adopted for spraying trees, potatoes and for whitewashing or disinfecting. Holds 3 1/2 gallon, 7 1/2x20 inches. Made of heavy galvanized steel and equipped with Automatic Nozzle. Price, \$6.50.



IDEAL

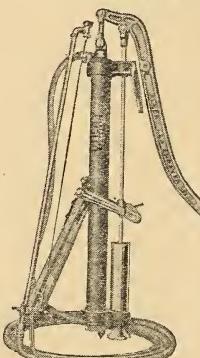
Easy to move. Tank holds 15 gallons. Can't slop. Has mechanical agitator. Sprays whitewash and all insecticides. Complete, with 10 feet of hose 8 feet, extension pipe, nozzle, shut-off cock, etc. Price, \$21.00.

LITTLE GIANT SPRAYER

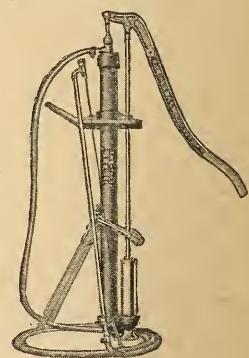


Can be used on Trees, shrubs, around the chicken house, or to spray animals. All brass. Price, complete, \$4.75.

UTILITY BARREL PUMP



No. 45-A.



No. 50-A.

Extra large water ways permit higher pressure with little effort. Cylinder is made of heavy brass 2 1/8 inches in diameter. Brass plunger can be adjusted without removing, having special treated cotton wick packing to prevent corrosion by chemicals. All working parts that come in contact with liquids are brass. Bronze ball valve easily removed. Pressure of 150 to 200 pounds can be maintained.

In complete outfit we furnish our patented Utility adjustable nozzle, which always gives control of spray at nozzle end and regardless of length of pole used.

No. 45. Shipping weight, crated, 40 pounds
No. 50. Shipping weight, crated, 50 pounds.

Utility No. 45-A—Complete as shown in cut. with 3 ft. iron pipe extension & 15 ft. hose \$15.00

Utility No. 50-A—Complete as shown in cut. with 3 ft. iron pipe extension & 15 ft. hose 16.00

UTILITY NO. 90-A BARREL PUMP

The material and construction of this pump is of the same high standard as our Nos. 45 and 50, but has a smaller capacity. It is of ample size to supply two nozzles, and can be fastened to the chime of any barrel with three bolts. All working parts are brass.

No. 90-A—Complete 14.00

POULTRY SUPPLIES

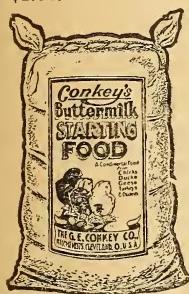
SEMI-SOLID BUTTERMILK.



A Pure Rich Buttermilk with the water taken away. A barrel is equal to a wagon load of aw buttermilk. It is the finest feed for hogs and chickens Circular free. Barrel Lots 4½c Lb., ½ Barrels 5c; Kegs, 6c, lb.

MEAT SCRAPS

It makes hens lay and helps in the moultin season. Prices: 100 lbs., \$7.00; 50 lbs., \$3.65; 25 lbs., \$2.00.



CONKEY'S BUTTER-MILK STARTING FOOD

This is the finest stuff you ever saw to feed little chickens. Feed it the first week. It prevents white diarrhea and gives the chicks a good healthy start.

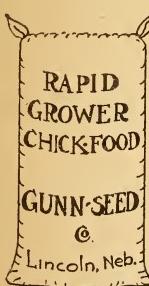
Price: 2½ lbs., 30c; 5 lbs., 55c; 10 lbs., \$1.05; 25 lbs., \$2.50; 100 lbs., \$8.00.

CONKEY'S POULTRY TONIC.

It's a Laying Tonic, Moultin Powder and Regulator. It gets hens in shape to lay, builds up tired organs and rundown systems. Fully guaranteed. Try it once.

Price: Packages, 30c and 60c; 12 lbs., \$1.40; 25 lbs., \$2.75.

GUNN'S "RAPID GROWER" CHICK FEED.



There is an awful lot of difference in chick food. Some people seem to try to make it as cheap as possible; some even put in musty seed. For what little food each chick uses, it doesn't pay you to run the risk. Buy good feed and thus keep your chicks growing and healthy. Our "Rapid Grower" is composed of nice, sweet seed, such as Millet, Crack'd Wheat, Feterita, Kafir and other seed necessary for the complete and rapid development of bone muscle, flesh and feathers of little chicks. It is healthy every-day feed, and will grow little chicks to your satisfaction.

Price: 4 lbs., 25c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

PIGEON FEED

We carry a full line of Pigeon foods. See us on other pigeon supplies. Prices subject to change.

Genuine Mixed Pigeon Food. This is a mixture of Peas, Buckwheat, Kafir-Corn, Hemp, Cracked Corn, Wheat and other grains, suitable for pigeons and squabs. Per 100 lbs., \$5.00; 50 lbs., \$2.65; 25 lbs., \$1.50.

Red Cross Health Grit for Pigeons. All birds relish it. Containing in condensed form the best tissue building ingredients for birds known to science, and the greatest variety of gritty matter. A reconstructive tonic mixture of only pure properties. Price: 6 lbs., 25c; 100 lbs., \$3.00.



EGG-O-HATCH

Weakens the shell, strengthens the chick, and makes larger hatchings. Try it on half the eggs and you can tell.

Price (postpaid): Enough for 600 eggs, 55c.

MILLET SEED

A fine scratch food for baby chicks.

Price: 3 lbs., 25c; 50 lbs., \$2.65; 100 lbs., \$5.00.

FILL THE BASKET EGG MASH

It causes the development of eggs, so the hen has to lay 'em. It is composed of Blatchford's Calf Meal combined with best quality of Meat and Fish Scraps, Alfalfa and Grain Meals. I feed it and it makes them lay.

Price: 25 lbs., \$1.50; 100 lbs., \$5.75.

POULTRY BONE

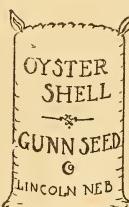
Keep it before hens all the time. All sizes.

Price: 100 lbs., \$5.25; 50 lbs., \$2.85; 25 lbs., \$1.50.

MICA GRIT

Your chickens must have it to grind their food.

Price: 100 lbs., \$1.50; 50 lbs., 85c; 25 lbs., 50c.



OYSTER SHELL

Genuine, ground just right.

Price: 100 lbs., \$1.50; 50 lbs., 85c; 25 lbs., 50c.

BLATCHFORD'S MILK MASH

Makes mammoth chicks. Made of milk and milk substitutes. Feed as a mash with Gunn's "Rapid Grower" Chick Food.

Price: 25 lbs., \$1.75; 100 lbs., \$6.50.



CHARCOAL

All sizes.

Price: 50 lbs., \$2.50; 1 lb., 10c.

WATER GLASS. Unfertile eggs put down in water glass keep fresh for 9 months. Ask for price.

STEEL CUT OATS. Fine for little chicks. 10c. per lb.



Carbola is two things in one—a paint and a disinfectant. It is not a whitewash. It is combined with a germicide 20 times stronger than pure carbolic acid—but neither poisonous nor caustic.

It costs 10 cents or less to cover 250 square feet of surface with Carbola. 10 lbs., \$1.00.

All Prices on this page subject to Change and F. O. B. Lincoln,



AUTOMATIC FEEDER AND FOUNTAIN

Feeds water, grain, chick food and grit for little chicks and larger fowls. Any Mason fruit jar fits it. Sold without jar 15c, 2 for 25c, Large size 20c, 2 for 35c, postpaid.



GRIT AND SHELL BOXES

No. 45.—small, for Baby Chicks, 45c.

No. 9.—3 compartment, for large chickens, \$1.00.

No. 8.—2 compartment, 80c.



Fits any sized fowl. Will not come off. Numbered from 1 to 100. Made of aluminum. Price: Dozen, 15c; 25 for 25c; 100 for 75c.

DRY FEEDERS

from \$1.25 to \$2.50, depending on size.

No. 19.



FOUNTAIN

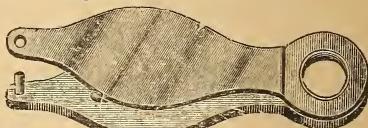
Galvanized Iron
Holds one quart
35c.



The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes:
No. 21,—12 inches long.....\$.50
No. 22,—18 inches long..... .75
No. 23,—24 inches long..... 1.00

PUNCH

For marking
little chicks.
Postpaid, 25c.



THERMOMETER GUARANTEED

Price.—Postpaid, each.....\$1.00

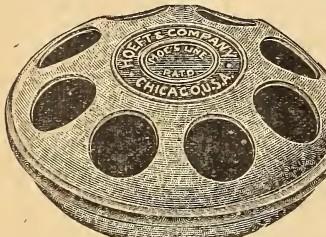
LEE'S REMEDIES

Lee's Egg Maker.....	30c and 60c	Lee's Germazone.....	75c
Lee's Germazone Tablets.....		75c	

CONKEY'S GUARANTEED REMEDIES

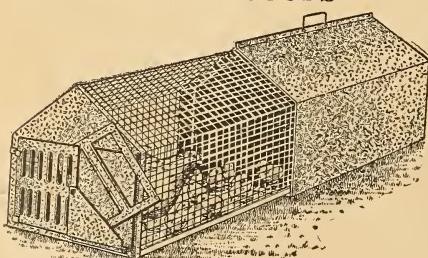
Conkey's Guaranteed Remedy.....	30c, 60c and \$1.20
Conkey's Roup Pills.....	30c, 60c and \$1.20
Conkey's Canker Special.....	60c and \$1.20
Conkey's Cholera Remedy.....	30c and 60c
Conkey's Sorehead (Chickenpox) Remedy	30c & 60c
Conkey's Bronchitis Remedy.....	.60c
Conkey's Gape Remedy.....	30c and 60c
Conkey's Blackhead Remedy.....	.60c
Conkey's Limberneck Remedy.....	.60c
Conkey's Poultry Worm Remedy.....	30c and 60c
Every Conkey Remedy is guaranteed to give satisfaction, or money back. Send 5 cents for Conkey's Poultry Book—it tells how to detect and cure Poultry Diseases. If Conkey's won't cure it, it can't be cured.	

ROUND BABY CHICK FEEDERS

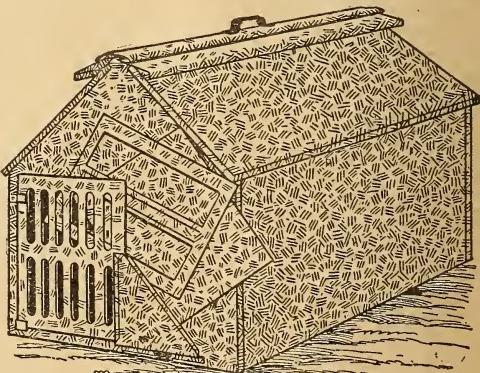


A great feed saver, as little chicks cannot get into it and contaminate the feed. It is well made and practical.
No. 11—6-in. size,
8 feeding holes,
each25c
No. 12—8-in. size,
12 feeding holes,
each50c

DELIGHT COOPS



These are made just like the Perfect, except that one end pulls out in day time, making a runway for the hen. Size 18 by 48 inches.
Price.—Each, \$3.10; 6 for.....\$17.50



PERFECT COOPS.

Made of heavy galvanized iron. Has 3 doors that can't get out of place. Size 18x24x18 inches high.
Price.—Each, \$2.15; 6 for.....\$12.50

O. AND M. COOPS.

Square, 16x23 inches. Galvanized iron.
Price.—Each, \$2.00; 6 for.....\$11.00

PERFECT ROUND COOPS.
Same quality as the square ones. 21 inches wide, 18 inches high.
Price.—Each, \$2.35; 6 for.....\$12.75

MONEY IN THE BACK YARD

A few chickens are not much trouble and the profit that can be made from them is no small matter now a days. The United States yearly produces about TWO BILLION DOZENS of eggs and about FIVE HUNDRED MILLION FOWLS, and even this is far from being enough. This lack of supply means fancy prices. Are you getting your share?

We recommend QUEEN incubators as the one sure machine to use, and after considerable looking around and experimenting, we have put in a full stock of these machines. The QUEEN has double redwood walls, lined with corrugated strawboard. Pure Copper heating system with all joints and seams locked, hammered, and soldered, two-walled metal, asbestos-lined jacket safety lamp hangers, and many other superior points that are worth investigating. QUEENS turn out bigger hatches of stronger, healthier chicks and will last almost a lifetime.

Thermometers.—Guaranteed "Tycos"—\$1.00 each, postpaid.

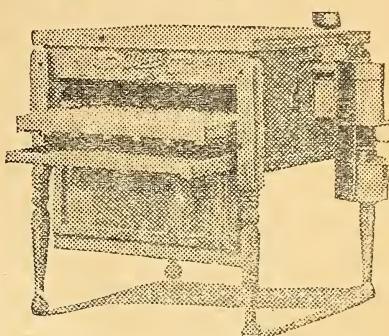
QUEEN INCUBATORS

No. 1.—	85-egg.....	\$25.00
No. 2.—	135-egg.....	34.00
No. 3.—	180-egg.....	39.50
No. 4.—	275-egg.....	49.50
No. 5.—	400-egg.....	58.50
No. 25.—	600-egg.....	90.00

No. 35.—	800-egg.....	125.00
No. 45.—	1,000-egg.....	160.00

OUTDOOR LAMP-HEATED BROODER.

No. 10.—	125-chick.....	\$29.00
No. 11.—	165-chick.....	31.50



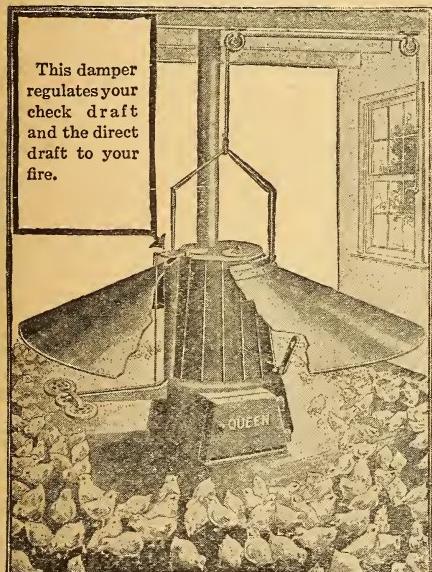
No. 12.— 250-chick..... 34.00

INDOOR LAMP-HEATED BROODER.

No. 7.—125-chick..... \$19.00
No. 8.—165-chick..... 21.00
No. 9.—250-chick..... 23.00

WE PAY THE FREIGHT.

USE EGG-O-HATCH TO HELP CHICKENS OUT OF THE SHELL. PAGE 29.



The Brooder That Broods Right

The QUEEN COLONY BROODER is new and improved and is the only stove on the market that has the draft to increase the fire above the hover and operated automatically by the regulator, same as the check draft, and is the only one having a corrugated asbestos-lined base for protection of the floor and litter from over-heating. The hover of this stove is collapsible and on the No. 1 is forty-two inches in diameter and on the No. 2 fifty-two inches in diameter. Stove holds enough coal to last from 24 to 48 hours and costs less than 5¢ a day to operate.

PRICES

No. 1.—500 chick.....	\$19.75
No. 2.—1,200 chick.....	24.75

GROW BABY CHICKS FOR US.

Farmer's Wives, Ministers, Girls, Boys: We need a lot of day old baby chicks. Why not buy a Queen Incubator from us and sell us the chickens and make a nice lot of money. Write for our proposition.

BABY CHICKS FOR SALE.—If you want to buy baby chicks write us for price.

Knox Nest Egg

KNOX NEST EGG contains a powerful disinfectant which will drive all lice and vermin out of the nests.

Simply used by placing in nest under nesting material.

Price, postpaid, 7¢ per 25¢ Dozen.

By express, 5¢ each; 50¢ per dozen.

DON SUNG

Makes Hens Lay



Gets the eggs in any weather. It is easily given in the feed and doesn't force or hurt the hen in any way. Don Sung is a real tonic. Try it—if it doesn't pay for itself and pay you a good profit besides, your money will be promptly refunded. Trial size 50 cents.

\$1.00 size (3 times larger). Postpaid, large size equal to 6 \$1.00 boxes for \$5.00.

"Norcross" Cultivator-Hoe and Weeder

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, and untrampled.

THREE SIZES AND PRICES

5-prong, 4 ft., handle, wt. 3 lbs. Retail.....	\$1.25
3-prong, 4 ft. handle, wt. 2 lbs.....	.90
"Midget," 9 inch handle, wt. 12 ounces.....	.45
(Midget by Parcel Post, prepaid, for 50 cents.)	

ALEXANDER GARDEN TOOLS

THESE ARE THE BEST MEDIUM-PRICED GOODS ON THE MARKET TODAY



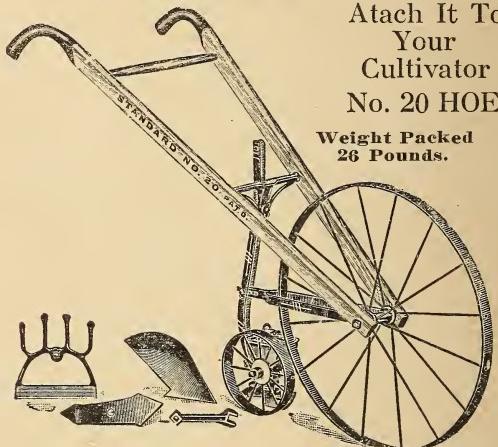
PRICE
COMPLETE,
\$8.00



No. 5, Garden Raiser.
No. 5, Jr. Garden Raiser, light weight for boys \$3.50.

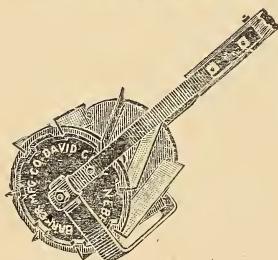
A New Midget Drill Sows All Seeds

Attach It To
Your
Cultivator
No. 20 HOE



Weight Packed
26 Pounds.

BARKER



Weeder, Mulcher and Cultivator

Three tools in one. Makes gardening easy and insures best yields.

The one implement every gardener should have, whether raising produce as a business or for the table.

The Baker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

Price

6 D cultivates strip 6 inches wide.....	\$7.00
8½ D cultivates strip 8½ inches wide.....	8.25

All Parts and Workmanship Guaranteed for
FIVE Years.

This is just the drill for the little garden. It stands about 8 inches high and will sow a 5c package of seed just as well as large amounts. Can be attached to a

NO. 20 HOE

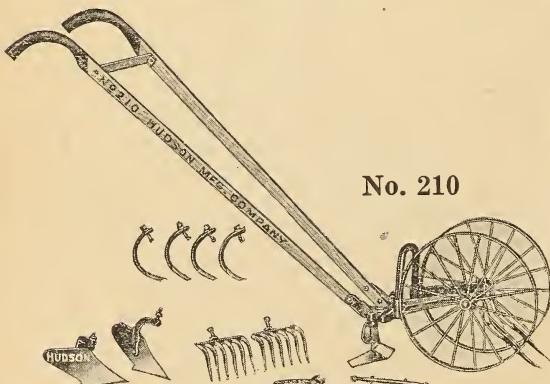
This cultivator has 5 combined tools, as shown in cut. Is light, yet strong. All tools made of steel as hard as a saw and nicely polished. Strong tangent spokes, 24" wheel.

Price, Cultivator, Only.....\$4.75

Drill Only4.10

Special price, complete like cut.....8.50

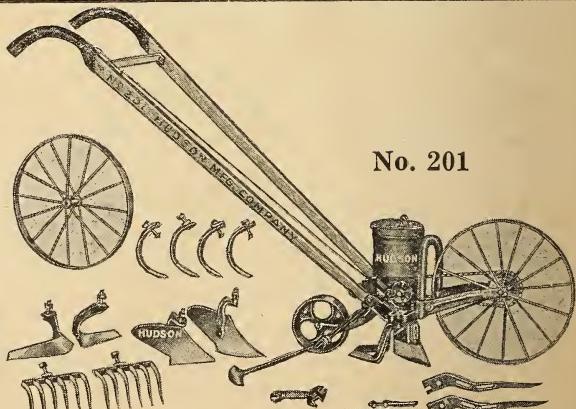
Garden Tools



No. 210

A double wheel cultivator, hoe, plow, pulverizer, hillier, etc. Same tool as No. 201, but with seeder removed.

No. 210. Complete as shown. Price each.....\$10.00
No. 212. Same as No. 210, less Rakes. Price \$8.56
So. 214. Same as No. 210, Hoes only. Price \$7.50



No. 201

This is a combination tool quickly convertible into a double or single wheel hoe, hill and drill Seeder, or double and single wheel Cultivator. It will sow anything from beans down to the smallest garden seeds in hills, 4, 6, 8, 12, or 24 inches apart, or in drills at any desired depth to two inches.

This is the Master Tool of the "Hudson Line," "Made in the U. S. A." and guaranteed to give No. 201. Complete, price each.....\$18.00
No. 205. Seeder only14.00

IRON AGE

No. 306

COMBINED DOUBLE AND SINGLE WHEEL HOE HILL AND DRILL SEEDER



Weight packed 57 lbs.
No. 306-R—Complete (like cut).....\$21.00
No. 306—No rakes.....19.00

Stover's Hand Grinding Mills

These machines will grind dry corn, barley, rye, peas, nut shells, stale bread, etc., for poultry feed, or will grind table meal for family use. They will also grind dry bones and oyster shells providing the pieces are not too large.

For poultry raisers these machines are almost indispensable as with their use fresh grain and grit can be supplied to the poultry at all times.

No. 32.—Size of fly wheel, 16 in.; shipping weight, 40 lbs.; capacity, 1 to 2 bushels per hour. Price \$4.90.

Ask For Prices on Larger Ones.



We offer these **Planet Jr.** tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

No. 4 Planet Jr. Combined Hill and Drill Seeder Wheel Hoe, Cultivator and Plow

\$19.50



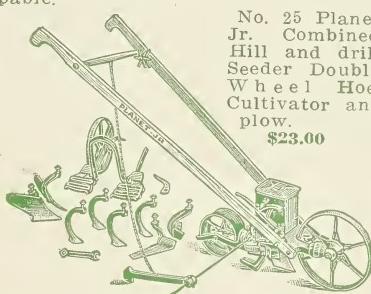
Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 12 Planet Jr. Double Wheel Hoe, Cultivator and Plow

\$12.50



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.



No. 25 Planet Jr. Combined Hill and drill Seeder Double Wheel Hoe, Cultivator and plow.

\$23.00



No. 17 Planet Jr. Single Wheel Hoe

\$8.75

The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

72-page Planet Jr. catalog free.
Describes 70 tools.

No. 1

DOUBLE AND SINGLE WHEEL HOE

(This is the No. 306 machine without the drill.)
Weight (packed), 40 pounds.

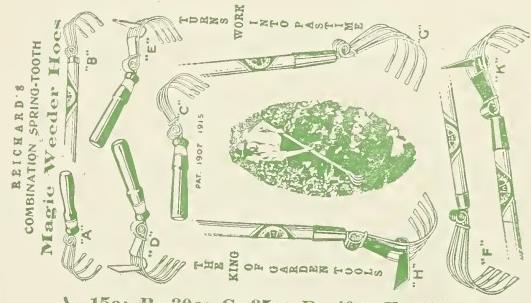
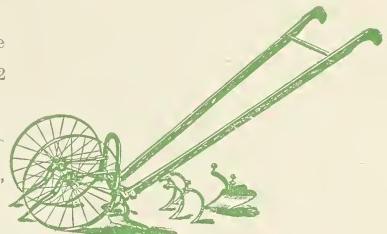
No. 301.—Complete (like cut), 8 tools.....\$11.00

No. 303.—Side

Hoes only, 2
tools \$7.75.

No. 303.—Side

Hoes and Teeth,
6 tools, \$9.50.



A, 15c; B, 20c; C, 25c; D, 40c; E, 40c;
G, 75c; H, \$1.00; K, \$1.00.

Planet, Jr.

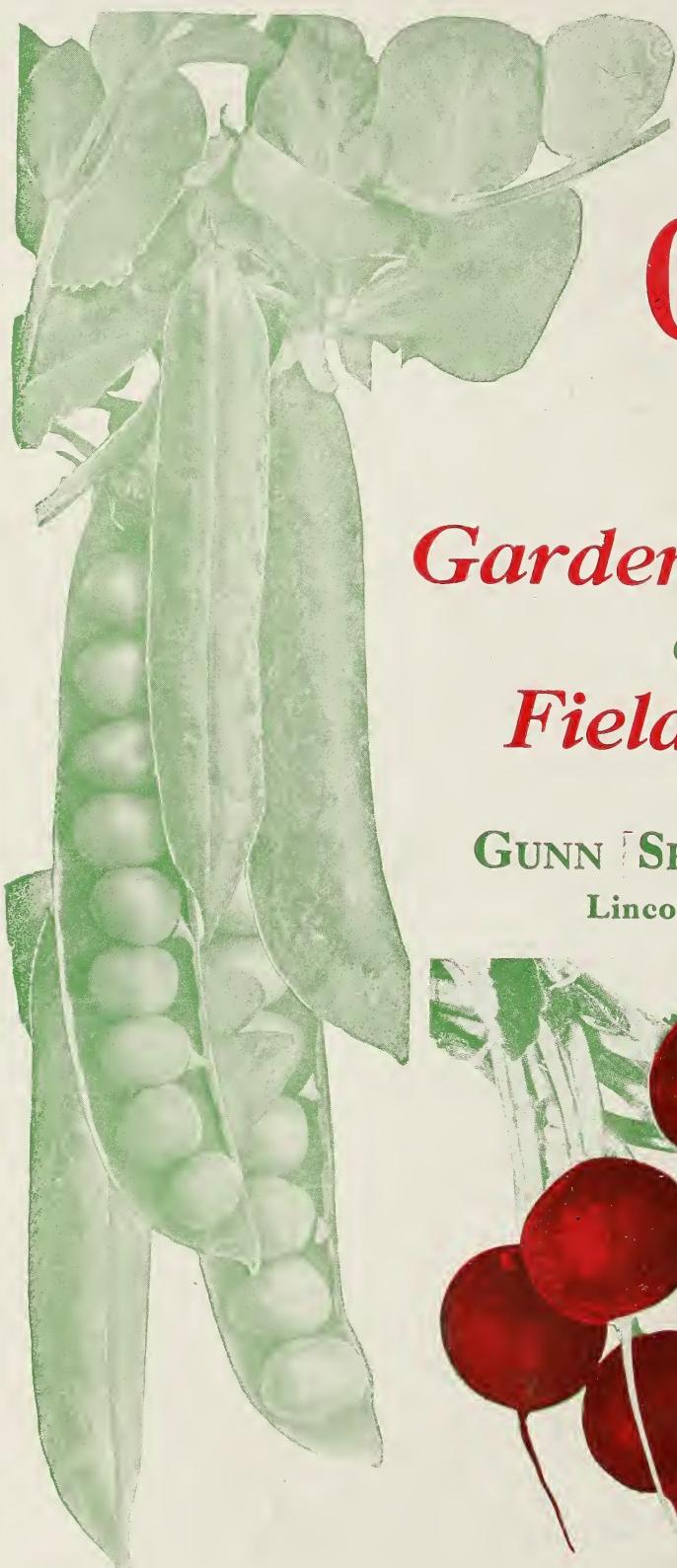
This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.

No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe.
Price Complete \$13.00



No. 19 Planet Jr. Garden Plow and Cultivator
\$6.25

This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.



Gunn's Catalog

1920

Garden, Flower and Field Seeds

GUNN'S SEED COMPANY

Lincoln, Nebraska



Mammoth Podded Peas

Saxa Radish